

APPENDIX G

QUALITY ASSURANCE REPORTS FOR ANALYTICAL DATA

Quality Assurance Report
Site Investigation at Former Range 43, Parcel 97Q
Fort McClellan, Alabama

1.0 Overview

Twenty-three soil samples were collected in support of the investigation at Fort McClellan (FTMC) Parcel HR-97Q, Former Range 43. All samples were submitted to EMAX Laboratories, Inc. for analysis. QC samples consisted of the following types and quantities: 2 field duplicates (FD), 1 matrix spike/matrix spike duplicate (MS/MSD) pair and 2 equipment rinsates (ER). An analytical summary table cross-referencing sample location, sample number, and analytical suite is presented in Attachment A.

One hundred (100) percent of samples were validated and reviewed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Evaluating Inorganic Data Review* (EPA, February 1994) and *USEPA Contract Laboratory Program National Functional Guidelines for Organic Review* (EPA, October 1999) for all areas except blanks. *Region III Laboratory Data Validation Functional Guidelines for Inorganic Analyses* (EPA, April 1993) and *Region III National Functional Guidelines for Organic Data Review* (EPA, June 1992) were applied to the areas associated with blank contamination. Data qualifiers assigned to results were based on guidance outlined in the referenced documents and the *Installation-Wide Sampling and Analysis Plan* (IT, March 2000) for FTMC. Table 1.0-1 and Table 1.0-2 define laboratory data and validation data qualifiers assigned to analytical results, respectively.

Table 1.0-1
Laboratory Data Qualifier Definitions

Data Qualifier	Laboratory Data Qualifier Definition
B	Analyte detected in method blank at concentration greater than the reporting limit (and greater than zero).
C	Confirming data obtained using second GC column or GC/MS.
E	Analyte concentration exceeded calibration range.
I	Analyte identification suspect. See narrative for explanation.
J	Result is less than or equal to specified reporting limit but greater than the method detection limit (MDL).
P	Analyte not confirmed. Results from primary and secondary GC columns differ by greater than 10 percent
S	Analyte concentration obtained using Method of Standard Additions (MSA).
U	Not detected. The value represented indicates the reporting limit for the analysis.
D	Sample analyzed as a dilution. The result reported has been calculated using the appropriate dilution factor.
No Code	Confirmed identification.

Table 1.0-2
Validation Data Qualifier Definitions

Validation Qualifier	Validation Data Qualifier Definition
U	Not detected. The associated number indicates approximate sample concentration necessary to be detected.
No Code	Confirmed identification
B	Not detected substantially above the level reported in laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
N	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.
J	Analyte present. Reported value may not be accurate or precise. Considered an estimate.
NJ	Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

The Data Validation Summary Report is presented in Attachment B.

2.0 Summary

Data were evaluated to verify compliance with precision, accuracy, representativeness, comparability, completeness, and sensitivity. To verify that project data quality objectives (DQO) were met, laboratory analytical results and data packages were examined for compliance with SW846 8081A, 8141, 8151A, 8260B, 8270C, 8330 and 6010B/7000 Series quality control (QC) method criteria. Laboratory nonconformances and discrepancies in the data were also examined to determine their impact on the data. The results of this review are presented in the following sections.

2.1 Sample Receipt and Analytical Holding Times

All sample results generated by the laboratory during this investigation have been reviewed with respect to condition of samples as received by the laboratory, chain-of-custody, and analysis holding times. All coolers were received by EMAX in good condition under proper chain-of-custody.

All extraction and analytical holding times were met.

2.2 Rejected Data

Table 2.2-1 lists all rejected analytical data for soil and aqueous samples. Sample re-collection at this time is not warranted due to all rejected results being reported as non-detect.

Table 2.2-1 Rejected Analytical Results

Sample Delivery Group	Sample Number	Contaminant	Reason
1097Q-01	QL0007, QL0008, QL0009, QL0020, QL0021 and QL0022	Naled	LCS spike recovery less than 10%.

2.3 Blank Results

Descriptions of the type of blank samples which were collected, processed, and evaluated for background and/or process contamination during this sampling are as follows:

- Equipment rinsates (ER) are samples of analyte-free deionized water poured into, over, or pumped through the sampling device, collected in a sample container, and transported to the laboratory for analysis. Equipment rinsates are used to assess the effectiveness of equipment decontamination procedures.
- Method blanks (MB) are used in the laboratory to assess and document any possible contamination resulting from the analytical process. A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank shall be carried through the complete sample preparation and analytical procedure.
- Initial and continuing calibration blanks (ICB and CCB) are instrument blanks consisting of an analyte-free matrix. ICBs and CCBs are analyzed to verify the analysis system is free of contamination and are analyzed immediately after the initial and continuing calibrations are performed.

When target compounds are detected in equipment rinsates, method blanks and/or initial/continuing calibration blanks there is increased uncertainty regarding the positive identification of the same constituents in field samples. When this occurs, detections more than five times the associated blank concentration are assumed to be positive detections in field samples. Because of the added uncertainty for certain "common" laboratory contaminants such as acetone, chloroform, toluene, and various phthalates, these constituents are not assumed present until sample concentrations exceed ten times the associated blank value. This is referred to as the 5X/10X rule.

Field sample concentrations were evaluated to determine if the sample results could have been biased by the presence of any contamination measured in equipment rinsate blanks, method blanks and/or initial/continuing calibration blanks. Sample data affected by blank contamination are summarized in Table 2.3-1.

Table 2.3-1
Summary of Blank Contamination

Sample Delivery Group	Sample Number	Contaminant	Action
1097Q-01	QL0018 and QL0019	Nickel	Nickel results for samples QL0018 and QL0019 were "B" qualified due to ICB/CCB contamination.
1097Q-02	QL0012, QL0014, QL0015 and QL0017	Sodium	Sodium results for samples QL0012, QL0014, QL0015 and QL0017 were "B" qualified due to MB contamination.
	QL0012, QL0016 and QL0017	Nickel	Nickel results for samples QL0012, QL0016 and QL0017 were "B" qualified due to ICB/CCB contamination.
	QL0012, QL0013, QL0014, QL0015, QL0016 and QL0017	Potassium	Potassium results for samples QL0012, QL0013, QL0014, QL0015, QL0016 and QL0017 were "B" qualified due to ICB/CCB contamination.

2.4 Analytical Precision

Precision is defined as a measurement of mutual agreement among individual measurements of the same property, usually under "prescribed similar conditions." Analytical precision is calculated as relative percent difference (%RPD) based on the following formula:

$$\% \text{RPD} = \left| \frac{(A-B)}{(A+B)/2} \right| \times 100$$

where:

%RPD = Relative Percent Difference

A = original result

B = duplicate result

A high RPD between an original sample and its field duplicate may be attributable to the difference in sample matrix or distribution of the contaminant within the sample, rather than the precision of the collection process. Also, when "estimated" results are reported, there is a potential for increased variability between the primary and duplicate sample results. This occurs because, at low concentrations, the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms. There is also increased uncertainty in the results as the lower limit of detection is approached, due to decreasing analytical accuracy. The RPD calculation cannot be performed in cases where non-detected results are reported with corresponding samples that contain detectable concentrations.

Overall sampling and analysis precision for this task was assessed using field duplicate (FD) samples. Laboratory precision was assessed by laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) recoveries. Results indicate that an acceptable analytical precision was achieved. Table 2.4-1 lists precision acceptance criteria for LCS/LCSD, MS/MSD organic and inorganic analyses and field duplicate comparisons. Table 2.4-2 list field duplicate, LCS/LCSD and MS/MSD RPD anomalies.

**Table 2.4-1
Precision Acceptance Criteria**

Field/Laboratory QC Type	Matrix	
	Aqueous	Soil
Field Duplicate (Both Organic & Inorganic)	RPD < 35%	RPD < 50%
Organochlorinated Pesticides LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
Organophosphorus Pesticides LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
Herbicides LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
TCL Volatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
TCL Semivolatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
Nitroaromatic and Nitramine Explosives LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
TAL Metals LCS/LCSD and MS/MSD	RPD < 20%	RPD < 20%

Table 2.4-2 Summary of Field Duplicate, LCS/LCSD & MS/MSD RPD Anomalies

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
1097Q-01	QL0020 (Parent) / QL0021 (FD)	Chromium (71%) Manganese (72%)	Chromium and manganese results for samples QL0020 and QL0021 were "J" qualified due to parent sample and its corresponding field duplicate %RPD exceeding QC criteria.

Sample results reported from GC or HPLC methodologies (i.e., SW846 8081A, 8141, 8151A, 8330) are confirmed by using two dissimilar columns or dissimilar detectors. Agreement or analytical precision between the two results is calculated as RPD. If the calculated RPD between the two differing columns or detectors exceed 50%, then the higher of the two results

is reported as estimated. Table 2.4-3 lists all reported results where the original and confirmation analysis RPD exceeded QC criteria.

Table 2.4-3
Summary of Original / Confirmation Analysis RPD Anomalies

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
1097Q-01	QL0007	Heptachlor (55%) MCPP (51%)	Heptachlor and MCPP results for sample QL0007 were "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.
	QL0008	alpha-Chlordane (69%)	Alpha-chlordane result for sample QL0008 was "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.
	QL0009	Endrin aldehyde (60%)	Endrin aldehyde result for sample QL0009 was "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.

2.5 Analytical Accuracy Assessment

Accuracy is a measure of the degree of agreement of a result against an accepted reference or true value. Accuracy is expressed as a percent recovery (%R) calculated by the ratio of the measurement and accepted true value as shown in the following equation:

$$\%R = (|X_s - X_u|/K) \times 100$$

where:

X_s = measured value of the spiked sample
 X_u = measured value of the unspiked sample
K = known amount of the spike in the sample

Surrogate recoveries, MS/MSD and LCS/LCSD, were used to measure analytical accuracy as described in SW846 8081A, 8141, 8151A, 8260B, 8270C, 8330 and 6010B/7000 Series methodology. Reported results indicate that an acceptable level of analytical accuracy was achieved. Surrogate, LCS/LCSD and MS/MSD spike recoveries, which exceed QA criteria are summarized in Table 2.5-1.

Table 2.5-1 Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Exceedances

Sample Delivery Group	Sample Number	Contaminant	Action
1097Q-01	QL0001MS/MSD	Antimony (LB) Lead (LB)	Antimony and lead results for samples QL0001 through QL0011 and QL0018 through QL0022 were "J" / "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria exceeding QC criteria.
	NPG016 SL (LCS)	Naled (LB)	Naled results for samples QL0007, QL0008, QL0009, QL0020, QL0021 and QL0022 were "R" qualified due to LCS spike recovery being less than 10%.

LB - low bias

2.6 Data Representativeness

Representativeness is a qualitative parameter that expresses the degree to which sample data actually represent the matrix conditions. Sample locations selected for this investigation outline contaminant releases into the environment, that may have occurred and will confirm whether contaminated soil exists at this site. Soil sample data are being used to assess potential impacts to terrestrial biota that might use the site for food and/or habitat purposes.

Standardized requirements and procedures for sample collection and handling were employed to maximize sample representativeness.

2.7 Data Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. By employing well-recognized techniques and accepted standardized methods for sampling and analysis, data comparability was achieved during this sampling event.

2.8 Data Completeness

Completeness is calculated for the aggregation of data for each analyte measured during the investigation of Parcel HR-97Q Former Range 43. The formula for calculating completeness is listed below:

$$\% \text{ Completeness} = (X_V / X_T) \times 100$$

where:

$$X_V = \text{number of valid (i.e., non-``R''-flagged) results}$$
$$X_T = \text{number of possible results}$$

Parcel HR-97Q requirement for completeness is 95% for both aqueous and soil samples. The % Completeness for this task is calculated to be 99.7%.

- % Completeness = $(1955 / 1961) \times 100 = 99.7\%$.

2.9 Sensitivity

Sensitivity is defined as the ability of the laboratory's established method detection limits (MDL)/method reporting limits (MRL or RL) to meet project-specific DQOs or site-specific screening levels (SSSL) and or ecological screening values (ESV).

MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are determined from an analysis of a sample in a given matrix containing the target analyte of interest. The MRL is a threshold value based upon the sensitivity capability of method and instrument. MRLs are normally set at a minimum of two times the MDL. MRLs are adjusted based on the sample matrix, moisture (solids only), and any necessary sample dilutions. The laboratory cannot reliably quantitate values reported above the MDL but below the MRL. Therefore, these analyte values must be flagged as estimated quantities ("J"-flagged).

To evaluate method sensitivity, a general comparison of the laboratory's MDLs/MRLs and the site investigation screening levels (background values, human health SSSL for residential reuse, and [ESV]) was performed and presented to the FTMC Base Realignment and Closure Team (BCT) (November 1999). The comparison summarized the relationship between the MDL/MRLs and SSSL/ESVs for each parameter typically reported for all of the major analytical methods used at FTMC. The few cases identified where the MDL and/or MRL values exceeded their corresponding human health SSSL and/or ESV were specifically highlighted and explained. It was understood that for these cases, the standard analytical method of analysis was not going to provide MDLs/MRLs which met human health SSSLs or ESVs without significant uncertainty and the possibility of reporting false negatives. It was generally accepted that standard EPA SW846 analytical methods would provide sufficient sensitivity for data reported and used in the site screening process at FTMC.

3.0 Data Usability

Data quality indicators (DQI) provide an internal guide for control and review to verify that data are scientifically sound, defensible, and of known and acceptable quality. Factors such as precision, accuracy, representativeness, comparability, completeness, and sensitivity were

evaluated to determine if the project's DQOs were met. A review of the data revealed that the majority of QA/QC indicators were within acceptable control limits. Any data anomalies encountered during data validation and overall site evaluations have been summarized in the previous sections of this document.

Based on the results of data validation and QA review, IT has concluded that representative samples were collected and analyzed and that the results are indicative of the media analyzed. The data are to be considered representative of site conditions and are usable for their intended purpose.

4.0 Attachments

Attachment A - Analytical Summary Table

Attachment B - Data Validation Summary Report

ATTACHMENT A
ANALYTICAL SUMMARY TABLE

**Ft. McClellan
Parcel HR-97Q**
Former Range 43 Soil Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth	Analytical Suite	Sample Type	Sample Purpose
HR-97Q-GP01	HR-97Q-GP01-SS-QL0001-REG	QL0001	23-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP01-SS-QL0001-MS-MS	QL0001-MS	23-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	MS
	HR-97Q-GP01-SS-QL0001-MSD-MSD	QL0001-MSD	23-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	MSD
	HR-97Q-GP01-DS-QL0002-REG	QL0002	23-Jul-02	1.5 to 2.5 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP02	HR-97Q-GP02-SS-QL0003-REG	QL0003	23-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP02-DS-QL0004-REG	QL0004	23-Jul-02	1 to 2 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP03	HR-97Q-GP03-SS-QL0005-REG	QL0005	23-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP03-DS-QL0006-REG	QL0006	23-Jul-02	2.5 to 3.5 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP04	HR-97Q-GP04-SS-QL0007-REG	QL0007	25-Jul-02	0 to 1 ft	CI Herbicides by 8151A CI Pesticides by 8081A Nitroaromatics by 8330 OP Pesticides by 8141A Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-97Q-GP04-DS-QL0008-REG	QL0008	25-Jul-02	2 to 3 ft	CI Herbicides by 8151A CI Pesticides by 8081A Nitroaromatics by 8330 OP Pesticides by 8141A Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
	HR-97Q-GP04-DS-QL0009-FD	QL0009	25-Jul-02	2 to 3 ft	CI Herbicides by 8151A CI Pesticides by 8081A Nitroaromatics by 8330 OP Pesticides by 8141A Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	FD
HR-97Q-GP05	HR-97Q-GP05-SS-QL0010-REG	QL0010	24-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP05-DS-QL0011-REG	QL0011	24-Jul-02	2.5 to 3.5 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP06	HR-97Q-GP06-SS-QL0012-REG	QL0012	29-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP06-DS-QL0013-REG	QL0013	29-Jul-02	1 to 2 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP07	HR-97Q-GP07-SS-QL0014-REG	QL0014	29-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP07-DS-QL0015-REG	QL0015	25-Jul-02	2 to 3 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP08	HR-97Q-GP08-SS-QL0016-REG	QL0016	25-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP08-DS-QL0017-REG	QL0017	25-Jul-02	1 to 2 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-GP09	HR-97Q-GP09-SS-QL0018-REG	QL0018	23-Jul-02	0 to 1 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	SS	REG
	HR-97Q-GP09-DS-QL0019-REG	QL0019	23-Jul-02	1 to 2 ft	Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-MW01	HR-97Q-MW01-SS-QL0020-REG	QL0020	24-Jul-02	0 to 1 ft	CI Herbicides by 8151A CI Pesticides by 8081A Nitroaromatics by 8330 OP Pesticides by 8141A Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-97Q-MW01-SS-QL0021-FD	QL0021	24-Jul-02	0 to 1 ft	CI Herbicides by 8151A CI Pesticides by 8081A Nitroaromatics by 8330 OP Pesticides by 8141A Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	FD

**Ft. McClellan
Parcel HR-97Q**
Former Range 43 Soil Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth	Analytical Suite	Sample Type	Sample Purpose
HR-97Q-MW01 (Continued)	HR-97Q-MW01-DS-QL0022-REG	QL0022	24-Jul-02	1.5 to 2.5 ft	CI Herbicides by 8151A CI Pesticides by 8081A Nitroaromatics by 8330 OP Pesticides by 8141A Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatile by 8260B Nitroaromatics by 8330 TAL Metals by 6010B/7471A	DS	REG
HR-97Q-DEP01	HR-97Q-DEP01-DEP-QL0023-REG	QL0023	4-Sep-02	0 to 1 ft		DEP	REG

ATTACHMENT B
DATA VALIDATION SUMMARY REPORT

**Data Validation Summary Report
For the Site Investigation Performed at
Former Range 43, Parcel 97Q
Fort McClellan, Calhoun County, Alabama**

1.0 Introduction

Level III data validation was performed on 100 percent of the environmental samples collected for HR-97Q. The analytical data consisted of delivery groups (SDGs) 1097Q-01, 1097Q-02 and 1097Q-03, which were analyzed by EMAX Laboratories. The chemical parameters for which the samples were analyzed, are identified below:

Parameter (Method)
Volatile Organics by GC/MS SW846 8260B
Semivolatile Organics by GC/MS SW846 8270C
Metals by SW846 6010B and 7471A
Nitroaromatic and Nitramine Explosives by SW846 8330
Organochlorinated Pesticides by SW846 8081A
Organophosphorus Pesticides by SW846 8141
Herbicides by SW846 8151A

2.0 Procedures

The sample data were validated following the logic identified in the 1994 *EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* and the 1999 *EPA Contract Laboratory Program National Functional Guidelines for Organic Review* for all areas except blanks. *EPA Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (April 1993) and *Region III National Functional Guidelines for Organic Data Review* (June 1992) were applied to the areas associated with blank contamination. Specific quality control (QC) criteria as identified in the quality assurance plan (QAP), analytical methods, and laboratory standard operating procedures (SOP) were applied to all sample results. As a result of the use of Update III SW846 test methods for the analytical data and the application of the Contract Laboratory Program (CLP) guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, gas chromatography (GC) and GC/mass spectrometry (MS) calibration areas and is due to the fact that the analytical methods are performance-based and allow the use of average calibration responses in lieu of individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as in the validation checklists, which function as worksheets. All

completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements (i.e., SW846, Code of Federal Regulations, SOPs) and technical judgement, following the logic of the CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable with minimal qualifications. The only rejected data ("R" qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, etc.), which experienced poor calibration responses in the associated calibration data and organophosphorous pesticide compounds (Naled), which experienced extremely low LCS recoveries. The "R" qualifier was also assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter, and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment 1) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for the site investigation at HR-97Q. It also identifies the "use" column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions, is also found in Attachment 1. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatile Organics by GC/MS SW846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

The initial calibration (ICAL) and continuing calibrations (CCAL) associated with the project samples met QC criteria, with the following exception(s):

- The following exhibited individual ICAL/CCAL relative response factor (RRF) <0.1:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	QL0007, QL0008, QL0009, QL0020, QL0021, QL0022	Acetone	J

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip, and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC limits.

Matrix Spike / Matrix Spike Duplicate

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

Laboratory Control Sample (LCS) analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated, and RPD QC criteria (35% Water/ 50% Soil) were met for the project samples.

Internal Standards

All internal standards met QC criteria.

Quantitation

Results quantitated between the method detection limit (MDL) and the reporting limit (RL), which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.2 Semivolatile Organics by GC/MS SW846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated, and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.3 Metals by SW846 6010B/7471A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Sample QL0001 was originally digested and analyzed with all samples. However, extreme matrix interference resulted in most recoveries being outside limits. Sample, spike and duplicate were redigested and reanalyzed ten days after initial analyses. There was little difference in initial sample results and reanalysis of sample. The initial results of original sample were chosen and the rerun of the spike and duplicate were chosen and applied to all samples. Reanalysis of sample was rejected. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were acceptable with the following exceptions:

SDG	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
1097Q-01	QL0018, QL0019	Nickel	Calibration	B
1097Q-02	QL0012, QL0014, QL0015, QL0017	Sodium	Method	B
	QL0012, QL0016, QL0017	Nickel	Calibration	B
	QL0012, QL0013, QL0014, QL0015, QL0016, QL0017	Potassium	Calibration	B

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met with the following exceptions:

SDG	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	All Samples	Antimony, Lead	UJ/J

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Interference Check Sample

All Interference Check Sample (ICS) percent recoveries were acceptable. All QC criteria were met.

Inductively Coupled Plasma Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project samples with the following exceptions:

SDG	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	All Samples	Zinc	J

Field Duplicates

Original and field duplicate results were evaluated, and RPD QC criteria (35% Water/ 50% Soil) were met with the following exceptions:

SDG	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	QL0020 (Original), QL0021 (FD)	Chromium, Manganese	J

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.4 Nitroaromatic and Nitramine Explosives by SW846 8330

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

2ND Column Confirmation

The percent difference QC criteria between columns for analyte concentrations were met.

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.5 Organochlorinated Pesticides by SW846 8081A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

2ND Column Confirmation

The percent difference QC criteria between columns for analyte concentrations were met with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	QL0007	Heptachlor	J
	QL0008	alpha-Chlordane	J
	QP0009	Endrin aldehyde	J

Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.6 Organophosphorus Pesticides by SW846 8141A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met with the following exceptions:

SDG	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	QL0007, QL0008, QL0009, QL0020, QL0021, QL0022	Naled*	R*

*Naled results were rejected due to extremely low recoveries.

Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.7 Herbicides by SW846 8151A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

2ND Column Confirmation

The percent difference QC criteria between columns for analyte concentrations were met with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
1097Q-01	QL0007	MCPP	J

Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

Attachment 1:
Data Validation Qualifier Entry Verification Report

Validation Qualifiers

- U** Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J** The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B** The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R** The reported sample results are rejected due to the following:
 1. Severe deficiencies in the supporting quality control data.
 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
 3. The presence or absence of the constituent cannot be verified based on the data provided.
 4. To indicate not to use a particular result in the event of a reanalysis.
- UJ** The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the "nondetect" may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

Reason Code	Definition
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

Validation Qualifier Data Entry Verification

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3										1	2	3	4			
1097Q-01																			
QL0007	SW8151A	METHOD	N	0	1	2,4,5-T	.011	mg/kg	U	N	Y	U	U					G193-01	20:27
						2,4,5-TP(SILVEX)	.011	mg/kg	U	N	Y	U	U					G193-01	20:27
						2,4-D	.011	mg/kg	U	N	Y	U	U					G193-01	20:27
						2,4-DB	.022	mg/kg	U	N	Y	U	U					G193-01	20:27
						DALAPON	.022	mg/kg	U	N	Y	U	U					G193-01	20:27
						DICAMBA	.022	mg/kg	U	N	Y	U	U					G193-01	20:27
						DICHLOROPROP	.011	mg/kg	U	N	Y	U	U					G193-01	20:27
						DINOSEB	.011	mg/kg	U	N	Y	U	U					G193-01	20:27
						MCPA	2.2	mg/kg	U	N	Y	U	U					G193-01	20:27
						MCPP	2.2	mg/kg		Y	Y	P	J		18			G193-01	20:27
QL0008	SW8151A	METHOD	N	0	1	2,4,5-T	.011	mg/kg	U	N	Y	U	U					G193-02	20:56
						2,4,5-TP(SILVEX)	.011	mg/kg	U	N	Y	U	U					G193-02	20:56
						2,4-D	.011	mg/kg	U	N	Y	U	U					G193-02	20:56
						2,4-DB	.023	mg/kg	U	N	Y	U	U					G193-02	20:56
						DALAPON	.023	mg/kg	U	N	Y	U	U					G193-02	20:56
						DICAMBA	.023	mg/kg	U	N	Y	U	U					G193-02	20:56
						DICHLOROPROP	.011	mg/kg	U	N	Y	U	U					G193-02	20:56
						DINOSEB	.011	mg/kg	U	N	Y	U	U					G193-02	20:56
						MCPA	2.3	mg/kg	U	N	Y	U	U					G193-02	20:56
						MCPP	2.3	mg/kg	U	N	Y	U	U					G193-02	20:56
QL0009	SW8151A	METHOD	N	0	1	2,4,5-T	.011	mg/kg	U	N	Y		U					G193-03	21:25
						2,4,5-TP(SILVEX)	.011	mg/kg	U	N	Y		U					G193-03	21:25
						2,4-D	.011	mg/kg	U	N	Y		U					G193-03	21:25
						2,4-DB	.023	mg/kg	U	N	Y		U					G193-03	21:25
						DALAPON	.023	mg/kg	U	N	Y		U					G193-03	21:25
						DICAMBA	.023	mg/kg	U	N	Y		U					G193-03	21:25
						DICHLOROPROP	.011	mg/kg	U	N	Y		U					G193-03	21:25
						DINOSEB	.011	mg/kg	U	N	Y		U					G193-03	21:25
						MCPA	2.3	mg/kg	U	N	Y		U					G193-03	21:25
						MCPP	2.3	mg/kg	U	N	Y		U					G193-03	21:25
QL0020	SW8151A	METHOD	N	0	1	2,4,5-T	.011	mg/kg	U	N	Y	U	U					G180-11	18:59
						2,4,5-TP(SILVEX)	.011	mg/kg	U	N	Y	U	U					G180-11	18:59
						2,4-D	.011	mg/kg	U	N	Y	U	U					G180-11	18:59
						2,4-DB	.023	mg/kg	U	N	Y	U	U					G180-11	18:59
						DALAPON	.023	mg/kg	U	N	Y	U	U					G180-11	18:59
						DICAMBA	.023	mg/kg	U	N	Y	U	U					G180-11	18:59
						DICHLOROPROP	.011	mg/kg	U	N	Y	U	U					G180-11	18:59
						DINOSEB	.011	mg/kg	U	N	Y	U	U					G180-11	18:59
						MCPA	2.3	mg/kg	U	N	Y	U	U					G180-11	18:59
						MCPP	2.3	mg/kg	U	N	Y	U	U					G180-11	18:59

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Sample Number:	Analytical/Extraction				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0021	SW8151A	METHOD	N	0	1	2,4,5-T	.012	mg/kg	U	N Y	U					G180-12	19:28
						2,4,5-TP(SILVEX)	.012	mg/kg	U	N Y	U					G180-12	19:28
						2,4-D	.012	mg/kg	U	N Y	U					G180-12	19:28
						2,4-DB	.023	mg/kg	U	N Y	U					G180-12	19:28
						DALAPON	.023	mg/kg	U	N Y	U					G180-12	19:28
						DICAMBA	.023	mg/kg	U	N Y	U					G180-12	19:28
						DICHLOROPROP	.012	mg/kg	U	N Y	U					G180-12	19:28
						DINOSEB	.012	mg/kg	U	N Y	U					G180-12	19:28
						MCPA	2.3	mg/kg	U	N Y	U					G180-12	19:28
						MCPP	2.3	mg/kg	U	N Y	U					G180-12	19:28
QL0022	SW8151A	METHOD	N	0	1	2,4,5-T	.012	mg/kg	U	N Y	U					G180-13	19:58
						2,4,5-TP(SILVEX)	.012	mg/kg	U	N Y	U					G180-13	19:58
						2,4-D	.012	mg/kg	U	N Y	U					G180-13	19:58
						2,4-DB	.024	mg/kg	U	N Y	U					G180-13	19:58
						DALAPON	.024	mg/kg	U	N Y	U					G180-13	19:58
						DICAMBA	.024	mg/kg	U	N Y	U					G180-13	19:58
						DICHLOROPROP	.012	mg/kg	U	N Y	U					G180-13	19:58
						DINOSEB	.012	mg/kg	U	N Y	U					G180-13	19:58
						MCPA	2.4	mg/kg	U	N Y	U					G180-13	19:58
						MCPP	2.4	mg/kg	U	N Y	U					G180-13	19:58
QL0007	SW8081A	SW3550	N	0	1	4,4'-DDD	.0044	mg/kg	U	N Y	U					G193-01	01:14
						4,4'-DDE	.0044	mg/kg	U	N Y	U					G193-01	01:14
						4,4'-DDT	.0035	mg/kg	J	Y Y	P J				15	G193-01	01:14
						ALDRIN	.012	mg/kg		Y Y	P					G193-01	01:14
						ALPHA-BHC	.0022	mg/kg	U	N Y	U					G193-01	01:14
						ALPHA-CHLORDANE	.0022	mg/kg	U	N Y	U					G193-01	01:14
						BETA-BHC	.0022	mg/kg	U	N Y	U					G193-01	01:14
						DELTA-BHC	.0022	mg/kg	U	N Y	U					G193-01	01:14
						DIELDRIN	.002	mg/kg	J	Y Y	P J				15	G193-01	01:14
						ENDOSULFAN I	.0022	mg/kg	U	N Y	U					G193-01	01:14
						ENDOSULFAN II	.0044	mg/kg	U	N Y	U					G193-01	01:14
						ENDOSULFAN SULFATE	.0044	mg/kg	U	N Y	U					G193-01	01:14
						ENDRIN	.0044	mg/kg	U	N Y	U					G193-01	01:14
						ENDRIN ALDEHYDE	.0044	mg/kg	U	N Y	U					G193-01	01:14
						ENDRIN KETONE	.0044	mg/kg	U	N Y	U					G193-01	01:14
						GAMMA-BHC (LINDANE)	.0022	mg/kg	U	N Y	U					G193-01	01:14
						GAMMA-CHLORDANE	.0022	mg/kg	U	N Y	U					G193-01	01:14
						HEPTACHLOR	.0017	mg/kg	J	Y Y	P J			15	18	G193-01	01:14
						HEPTACHLOR EPOXIDE	.0022	mg/kg	U	N Y	U					G193-01	01:14
						METHOXYCHLOR	.0078	mg/kg	J	Y Y	P J				15	G193-01	01:14

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Sample Number:	Analytical/Extraction Method:				Fit REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3	4																
1097Q-01																				
QL0007	SW8081A	SW3550	N	0	I	TOXAPHENE	.044	mg/kg	U	N	Y	U	U						G193-01	01:14
QL0008	SW8081A	SW3550	N	0	I	4,4'-DDD	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						4,4'-DDE	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						4,4'-DDT	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						ALDRIN	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						ALPHA-BHC	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						ALPHA-CHLORDANE	.0015	mg/kg	J	Y	Y	P	J	15	18				G193-02	01:39
						BETA-BHC	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						DELTA-BHC	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						DIELDRIN	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						ENDOSULFAN I	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						ENDOSULFAN II	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						ENDOSULFAN SULFATE	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						ENDRIN	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						ENDRIN ALDEHYDE	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						ENDRIN KETONE	.0046	mg/kg	U	N	Y	U	U						G193-02	01:39
						GAMMA-BHC (LINDANE)	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						GAMMA-CHLORDANE	.0015	mg/kg	J	Y	Y	P	J	15					G193-02	01:39
						HEPTACHLOR	.0022	mg/kg	J	Y	Y	P	J	15					G193-02	01:39
						HEPTACHLOR EPOXIDE	.0023	mg/kg	U	N	Y	U	U						G193-02	01:39
						METHOXYCHLOR	.023	mg/kg	U	N	Y	U	U						G193-02	01:39
						TOXAPHENE	.046	mg/kg	U	N	Y	U	U						G193-02	01:39
QL0009	SW8081A	SW3550	N	0	I	4,4'-DDD	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						4,4'-DDE	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						4,4'-DDT	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						ALDRIN	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						ALPHA-BHC	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						ALPHA-CHLORDANE	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						BETA-BHC	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						DELTA-BHC	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						DIELDRIN	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						ENDOSULFAN I	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						ENDOSULFAN II	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						ENDOSULFAN SULFATE	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						ENDRIN	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						ENDRIN ALDEHYDE	.0015	mg/kg	J	Y	Y	J		15	18				G193-03	02:04
						ENDRIN KETONE	.0045	mg/kg	U	N	Y	U							G193-03	02:04
						GAMMA-BHC (LINDANE)	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						GAMMA-CHLORDANE	.0023	mg/kg	U	N	Y	U							G193-03	02:04
						HEPTACHLOR	.0023	mg/kg	U	N	Y	U							G193-03	02:04

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Fit	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0009	SW8081A	SW3550	N 0 1	HEPTACHLOR EPOXIDE	.0023	mg/kg	U	N Y		U						G193-03	02:04
				METHOXYCHLOR	.023	mg/kg	U	N Y		U						G193-03	02:04
				TOXAPHENE	.045	mg/kg	U	N Y		U						G193-03	02:04
QL0020	SW8081A	SW3550	N 0 1	4,4'-DDD	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				4,4'-DDE	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				4,4'-DDT	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				ALDRIN	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				ALPHA-BHC	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				ALPHA-CHLORDANE	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				BETA-BHC	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				DELTA-BHC	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				DIELDRIN	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				ENDOSULFAN I	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				ENDOSULFAN II	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				ENDOSULFAN SULFATE	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				ENDRIN	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				ENDRIN ALDEHYDE	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				ENDRIN KETONE	.0046	mg/kg	U	N Y	U	U						G180-11	23:58
				GAMMA-BHC (LINDANE)	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				GAMMA-CHLORDANE	.00074	mg/kg	J	Y Y	P	J				15		G180-11	23:58
				HEPTACHLOR	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				HEPTACHLOR EPOXIDE	.0023	mg/kg	U	N Y	U	U						G180-11	23:58
				METHOXYCHLOR	.023	mg/kg	U	N Y	U	U						G180-11	23:58
				TOXAPHENE	.046	mg/kg	U	N Y	U	U						G180-11	23:58
QL0021	SW8081A	SW3550	N 0 1	4,4'-DDD	.0047	mg/kg	U	N Y		U						G180-12	00:23
				4,4'-DDE	.0047	mg/kg	U	N Y		U						G180-12	00:23
				4,4'-DDT	.0047	mg/kg	U	N Y		U						G180-12	00:23
				ALDRIN	.0023	mg/kg	U	N Y		U						G180-12	00:23
				ALPHA-BHC	.0023	mg/kg	U	N Y		U						G180-12	00:23
				ALPHA-CHLORDANE	.0023	mg/kg	U	N Y		U						G180-12	00:23
				BETA-BHC	.0023	mg/kg	U	N Y		U						G180-12	00:23
				DELTA-BHC	.0023	mg/kg	U	N Y		U						G180-12	00:23
				DIELDRIN	.0047	mg/kg	U	N Y		U						G180-12	00:23
				ENDOSULFAN I	.0023	mg/kg	U	N Y		U						G180-12	00:23
				ENDOSULFAN II	.0047	mg/kg	U	N Y		U						G180-12	00:23
				ENDOSULFAN SULFATE	.0047	mg/kg	U	N Y		U						G180-12	00:23
				ENDRIN	.0047	mg/kg	U	N Y		U						G180-12	00:23
				ENDRIN ALDEHYDE	.0047	mg/kg	U	N Y		U						G180-12	00:23
				ENDRIN KETONE	.0047	mg/kg	U	N Y		U						G180-12	00:23
				GAMMA-BHC (LINDANE)	.0023	mg/kg	U	N Y		U						G180-12	00:23

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	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0021	SW8081A	SW3550	N	0	1	GAMMA-CHLORDANE	.0023	mg/kg	U	N Y	U					G180-12	00:23
						HEPTACHLOR	.0023	mg/kg	U	N Y	U					G180-12	00:23
						HEPTACHLOR EPOXIDE	.0023	mg/kg	U	N Y	U					G180-12	00:23
						METHOXYCHLOR	.023	mg/kg	U	N Y	U					G180-12	00:23
						TOXAPHENE	.047	mg/kg	U	N Y	U					G180-12	00:23
QL0022	SW8081A	SW3550	N	0	1	4,4'-DDD	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						4,4'-DDE	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						4,4'-DDT	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						ALDRIN	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						ALPHA-BHC	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						ALPHA-CHLORDANE	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						BETA-BHC	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						DELTA-BHC	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						DIELDRIN	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						ENDOSULFAN I	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						ENDOSULFAN II	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						ENDOSULFAN SULFATE	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						ENDRIN	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						ENDRIN ALDEHYDE	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						ENDRIN KETONE	.0047	mg/kg	U	N Y	U	U				G180-13	00:49
						GAMMA-BHC (LINDANE)	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						GAMMA-CHLORDANE	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						HEPTACHLOR	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						HEPTACHLOR EPOXIDE	.0024	mg/kg	U	N Y	U	U				G180-13	00:49
						METHOXYCHLOR	.024	mg/kg	U	N Y	U	U				G180-13	00:49
						TOXAPHENE	.047	mg/kg	U	N Y	U	U				G180-13	00:49
QL0001	SW6010B	SW3050	N	0	1	ALUMINUM	18200	mg/kg		Y Y	P					G180-01	16:25
						ANTIMONY	13	mg/kg	U	N Y	U	UJ		08A		G180-01	16:25
						ARSENIC	4.62	mg/kg		Y Y	P					G180-01	12:48
						BAARIUM	110	mg/kg		Y Y	P					G180-01	16:25
						BERYLLIUM	.8	mg/kg	J	Y Y	P	J		15		G180-01	16:25
						CADMIUM	1.3	mg/kg	U	N Y	U	U				G180-01	16:25
						CALCIUM	178	mg/kg		Y Y	P					G180-01	16:25
						CHROMIUM	12.4	mg/kg		Y Y	P					G180-01	16:25
						COBALT	17.2	mg/kg		Y Y	P					G180-01	16:25
						COPPER	32.3	mg/kg		Y Y	P					G180-01	16:25
						IRON	13000	mg/kg		Y Y	P					G180-01	16:25
						LEAD	202	mg/kg		Y Y	P	J		08A		G180-01	12:48
						MAGNESIUM	617	mg/kg		Y Y	P					G180-01	16:25
						MANGANESE	2000	mg/kg		Y Y	P					G180-01	16:25

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	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0001	SW6010B	SW3050	N 0 1	NICKEL	8.69	mg/kg		Y Y P								G180-01	16:25
				POTASSIUM	552	mg/kg	J	Y Y P	J		15					G180-01	16:25
				SELENIUM	.765	mg/kg	J	Y Y P	J		13	15				G180-01	12:48
				SILVER	2.59	mg/kg	U	N Y U	U						G180-01	16:25	
				SODIUM	26.5	mg/kg	J	Y Y P	J		15				G180-01	16:25	
				THALLIUM	2.59	mg/kg	U	N Y U	U						G180-01	12:48	
				VANADIUM	22.3	mg/kg		Y Y P							G180-01	16:25	
				ZINC	32	mg/kg		Y Y P	J		13				G180-01	16:25	
	SW6010B	SW3050	N 1 1	ALUMINUM	19600	mg/kg		Y N P	R		16				G180-01R	19:42	
				ANTIMONY	13	mg/kg	U	N N U	R		16				G180-01R	19:42	
				ARSENIC	4.65	mg/kg		Y N P	R		16				G180-01R	21:58	
				BARIUM	109	mg/kg		Y N P	R		16				G180-01R	19:42	
				BERYLLIUM	.803	mg/kg	J	Y N P	R		16				G180-01R	19:42	
				CADMİUM	1.3	mg/kg	U	N N U	R		16				G180-01R	19:42	
				CALCIUM	165	mg/kg		Y N P	R		16				G180-01R	19:42	
				CHROMİUM	12.2	mg/kg		Y N P	R		16				G180-01R	19:42	
				COBALT	16.7	mg/kg		Y N P	R		16				G180-01R	19:42	
				COPPER	30.3	mg/kg		Y N P	R		16				G180-01R	19:42	
				IRON	12800	mg/kg		Y N P	R		16				G180-01R	19:42	
				LEAD	160	mg/kg		Y N P	R		16				G180-01R	21:58	
				MAGNESIUM	739	mg/kg		Y N P	R		16				G180-01R	19:42	
				MANGANESE	1930	mg/kg		Y N P	R		16				G180-01R	19:42	
				NICKEL	10.7	mg/kg		Y N P	R		16				G180-01R	19:42	
				POTASSIUM	586	mg/kg	J	Y N P	R		16				G180-01R	19:42	
				SELENIUM	1.08	mg/kg	J	Y N P	R		16				G180-01R	21:58	
				SILVER	2.59	mg/kg	U	N N U	R		16				G180-01R	19:42	
				SODIUM	30.6	mg/kg	J	Y N P	R		16				G180-01R	19:42	
				THALLIUM	2.59	mg/kg	U	N N U	R		16				G180-01R	21:58	
				VANADIUM	23.3	mg/kg		Y N P	R		16				G180-01R	19:42	
				ZINC	32.9	mg/kg		Y N P	R		16				G180-01R	19:42	
	SW7471A	TOTAL	N 0 1	MERCURY	.0746	mg/kg	J	Y Y P	J		15				G180-01	18:52	
QL0002	SW6010B	SW3050	N 0 1	ALUMINUM	14600	mg/kg		Y Y P							G180-02	16:37	
				ANTIMONY	10.8	mg/kg	U	N Y U	UJ		08A				G180-02	16:37	
				ARSENIC	3.36	mg/kg		Y Y P							G180-02	12:37	
				BARIUM	76.7	mg/kg		Y Y P							G180-02	16:37	
				BERYLLIUM	.692	mg/kg	J	Y Y P	J		15				G180-02	16:37	
				CADMİUM	1.08	mg/kg	U	N Y U	U						G180-02	16:37	
				CALCIUM	90.1	mg/kg	J	Y Y P	J		15				G180-02	16:37	
				CHROMİUM	9.11	mg/kg		Y Y P							G180-02	16:37	
				COBALT	14.5	mg/kg		Y Y P							G180-02	16:37	

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	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0002	SW6010B	SW3050	N	0	1	COPPER		6.24	mg/kg		Y Y P					G180-02	16:37
						IRON		13600	mg/kg		Y Y P					G180-02	16:37
						LEAD		28.2	mg/kg		Y Y P J				08A	G180-02	12:37
						MAGNESIUM		434	mg/kg		Y Y P					G180-02	16:37
						MANGANESE		1830	mg/kg		Y Y P					G180-02	16:37
						NICKEL		6.96	mg/kg		Y Y P					G180-02	16:37
						POTASSIUM		274	mg/kg	J	Y Y P J			15		G180-02	16:37
						SELENIUM		.849	mg/kg	J	Y Y P J			15		G180-02	12:37
						SILVER		2.15	mg/kg	U	N Y U U					G180-02	16:37
						SODIUM		22	mg/kg	J	Y Y P J			15		G180-02	16:37
						THALLIUM		2.15	mg/kg	U	N Y U U					G180-02	12:37
						VANADIUM		18.9	mg/kg		Y Y P					G180-02	16:37
						ZINC		17.1	mg/kg		Y Y P J			13		G180-02	16:37
	SW7471A	TOTAL	N	0	1	MERCURY		.0774	mg/kg	J	Y Y P J			15		G180-02	19:01
QL0003	SW6010B	SW3050	N	0	1	ALUMINUM		17700	mg/kg		Y Y P					G180-03	16:41
						ANTIMONY		11.1	mg/kg	J	Y Y P J			08A 15		G180-03	16:41
						ARSENIC		7.66	mg/kg		Y Y P					G180-03	12:42
						BARIUM		146	mg/kg		Y Y P					G180-03	16:41
						BERYLLIUM		.889	mg/kg	J	Y Y P J			15		G180-03	16:41
						CADMUM		.937	mg/kg	J	Y Y P J			15		G180-03	16:41
						CALCIUM		2480	mg/kg		Y Y P					G180-03	16:41
						CHROMIUM		22	mg/kg		Y Y P					G180-03	16:41
						COBALT		12.8	mg/kg		Y Y P					G180-03	16:41
						COPPER		57.6	mg/kg		Y Y P					G180-03	16:41
						IRON		62000	mg/kg		Y Y P					G180-03	16:41
						LEAD		414	mg/kg		Y Y P J			08A		G180-03	12:42
						MAGNESIUM		1620	mg/kg		Y Y P					G180-03	16:41
						MANGANESE		2140	mg/kg		Y Y P					G180-03	16:41
						NICKEL		17	mg/kg		Y Y P					G180-03	16:41
						POTASSIUM		592	mg/kg		Y Y P					G180-03	16:41
						SELENIUM		2.95	mg/kg		Y Y P					G180-03	12:42
						SILVER		2.33	mg/kg	U	N Y U U					G180-03	16:41
						SODIUM		40.6	mg/kg	J	Y Y P J			15		G180-03	16:41
						THALLIUM		1.49	mg/kg	J	Y Y P J			15		G180-03	12:42
						VANADIUM		28.7	mg/kg		Y Y P					G180-03	16:41
						ZINC		3510	mg/kg		Y Y P J			13		G180-03	16:41
	SW7471A	TOTAL	N	0	1	MERCURY		.682	mg/kg		Y Y P					G180-03	19:10
QL0004	SW6010B	SW3050	N	0	1	ALUMINUM		19000	mg/kg		Y Y P					G180-04	16:56
						ANTIMONY		11.3	mg/kg	U	N Y U UJ			08A		G180-04	16:56
						ARSENIC		5.54	mg/kg		Y Y P					G180-04	13:26

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	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0004	SW6010B	SW3050	N 0 1	BARIUM	111	mg/kg		Y Y P								G180-04	16:56
				BERYLLIUM	.841	mg/kg	J	Y Y P	J							G180-04	16:56
				CADMIUM	1.13	mg/kg	U	N Y U	U							G180-04	16:56
				CALCIUM	6030	mg/kg		Y Y P								G180-04	16:56
				CHROMIUM	16.5	mg/kg		Y Y P								G180-04	16:56
				COBALT	11.2	mg/kg		Y Y P								G180-04	16:56
				COPPER	19.4	mg/kg		Y Y P								G180-04	16:56
				IRON	38100	mg/kg		Y Y P								G180-04	16:56
				LEAD	105	mg/kg		Y Y P	J							G180-04	13:26
				MAGNESIUM	4000	mg/kg		Y Y P								G180-04	16:56
				MANGANESE	2260	mg/kg		Y Y P								G180-04	16:56
				NICKEL	13.2	mg/kg		Y Y P								G180-04	16:56
				POTASSIUM	635	mg/kg		Y Y P								G180-04	16:56
				SELENIUM	1.83	mg/kg		Y Y P								G180-04	13:26
				SILVER	2.25	mg/kg	U	N Y U	U							G180-04	16:56
				SODIUM	39.3	mg/kg	J	Y Y P	J							G180-04	16:56
				THALLIUM	1.11	mg/kg	J	Y Y P	J							G180-04	13:26
				VANADIUM	23.9	mg/kg		Y Y P								G180-04	16:56
				ZINC	1520	mg/kg		Y Y P	J							G180-04	16:56
	SW7471A	TOTAL	N 0 1	MERCURY	.108	mg/kg	J	Y Y P	J							G180-04	19:12
QL0005	SW6010B	SW3050	N 0 1	ALUMINUM	30400	mg/kg		Y Y P								G180-05	17:00
				ANTIMONY	11	mg/kg	U	N Y U	UJ							G180-05	17:00
				ARSENIC	10.2	mg/kg		Y Y P								G180-05	13:32
				BARIUM	101	mg/kg		Y Y P								G180-05	17:00
				BERYLLIUM	.891	mg/kg	J	Y Y P	J							G180-05	17:00
				CADMIUM	1.1	mg/kg	U	N Y U	U							G180-05	17:00
				CALCIUM	260	mg/kg		Y Y P								G180-05	17:00
				CHROMIUM	31.7	mg/kg		Y Y P								G180-05	17:00
				COBALT	10.1	mg/kg		Y Y P								G180-05	17:00
				COPPER	86.6	mg/kg		Y Y P								G180-05	17:00
				IRON	45300	mg/kg		Y Y P								G180-05	17:00
				LEAD	401	mg/kg		Y Y P	J							G180-05	13:32
				MAGNESIUM	595	mg/kg		Y Y P								G180-05	17:00
				MANGANESE	704	mg/kg		Y Y P								G180-05	17:00
				NICKEL	13.7	mg/kg		Y Y P								G180-05	17:00
				POTASSIUM	453	mg/kg	J	Y Y P	J							G180-05	17:00
				SELENIUM	2.05	mg/kg		Y Y P								G180-05	13:32
				SILVER	2.21	mg/kg	U	N Y U	U							G180-05	17:00
				SODIUM	19.9	mg/kg	J	Y Y P	J							G180-05	17:00
				THALLIUM	.911	mg/kg	J	Y Y P	J							G180-05	13:32

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	Flt	REX	Dil:										1	2	3	4						
1097Q-01																						
QL0005	SW6010B	SW3050	N 0 1		VANADIUM	45.6	mg/kg		Y Y	P								G180-05	17:00			
					ZINC	46	mg/kg		Y Y	P	J		13					G180-05	17:00			
QL0006	SW7471A	TOTAL	N 0 1		MERCURY	.0695	mg/kg	J	Y Y	P	J		15					G180-05	19:14			
					ALUMINUM	24200	mg/kg		Y Y	P								G180-06	17:05			
QL0007	SW6010B	SW3050	N 0 1		ANTIMONY	11	mg/kg	U	N Y	U	UJ		08A					G180-06	17:05			
					ARSENIC	7.41	mg/kg		Y Y	P								G180-06	13:37			
					BARIUM	94.2	mg/kg		Y Y	P								G180-06	17:05			
					BERYLLIUM	.886	mg/kg	J	Y Y	P	J		15					G180-06	17:05			
					CADMIUM	1.1	mg/kg	U	N Y	U	U						G180-06	17:05				
					CALCIUM	158	mg/kg		Y Y	P							G180-06	17:05				
					CHROMIUM	71.3	mg/kg		Y Y	P							G180-06	17:05				
					COBALT	9.88	mg/kg		Y Y	P							G180-06	17:05				
					COPPER	10.5	mg/kg		Y Y	P							G180-06	17:05				
					IRON	43900	mg/kg		Y Y	P							G180-06	17:05				
					LEAD	44.3	mg/kg		Y Y	P	J		08A				G180-06	13:37				
					MAGNESIUM	461	mg/kg		Y Y	P							G180-06	17:05				
					MANGANESE	971	mg/kg		Y Y	P							G180-06	17:05				
					NICKEL	8.59	mg/kg		Y Y	P							G180-06	17:05				
					POTASSIUM	306	mg/kg	J	Y Y	P	J		15				G180-06	17:05				
					SELENIUM	2.08	mg/kg		Y Y	P							G180-06	13:37				
					SILVER	2.21	mg/kg	U	N Y	U	U						G180-06	17:05				
					SODIUM	110	mg/kg	U	N Y	U	U						G180-06	17:05				
					THALLIUM	1.25	mg/kg	J	Y Y	P	J		15				G180-06	13:37				
					VANADIUM	39.5	mg/kg		Y Y	P							G180-06	17:05				
					ZINC	19.7	mg/kg		Y Y	P	J		13				G180-06	17:05				
	SW7471A	TOTAL	N 0 1		MERCURY	.0796	mg/kg	J	Y Y	P	J		15				G180-06	19:16				
QL0007					ALUMINUM	27000	mg/kg		Y Y	P							G193-01	17:53				
					ANTIMONY	11.1	mg/kg	U	N Y	U	UJ		08A				G193-01	17:53				
					ARSENIC	8.33	mg/kg		Y Y	P							G193-01	14:33				
					BARIUM	113	mg/kg		Y Y	P							G193-01	17:53				
					BERYLLIUM	.842	mg/kg	J	Y Y	P	J		15				G193-01	17:53				
					CADMIUM	1.11	mg/kg	U	N Y	U	U						G193-01	17:53				
					CALCIUM	288	mg/kg		Y Y	P							G193-01	17:53				
					CHROMIUM	31.3	mg/kg		Y Y	P							G193-01	17:53				
					COBALT	12.3	mg/kg		Y Y	P							G193-01	17:53				
					COPPER	48	mg/kg		Y Y	P							G193-01	17:53				
					IRON	35700	mg/kg		Y Y	P							G193-01	17:53				
					LEAD	259	mg/kg		Y Y	P	J		08A				G193-01	14:33				
					MAGNESIUM	713	mg/kg		Y Y	P							G193-01	17:53				
					MANGANESE	913	mg/kg		Y Y	P							G193-01	17:53				

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	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0007	SW6010B	SW3050	N 0 1	NICKEL	11.9	mg/kg		Y Y P								G193-01	17:53
				POTASSIUM	625	mg/kg		Y Y P								G193-01	17:53
				SELENIUM	1.3	mg/kg		Y Y P								G193-01	14:33
				SILVER	2.22	mg/kg	U	N Y U	U							G193-01	17:53
				SODIUM	28	mg/kg	J	Y Y P	J		15					G193-01	17:53
				THALLIUM	1.22	mg/kg	J	Y Y P	J		15					G193-01	14:33
				VANADIUM	46.1	mg/kg		Y Y P								G193-01	17:53
				ZINC	38.3	mg/kg		Y Y P	J		13					G193-01	17:53
	SW7471A	TOTAL	N 0 1	MERCURY	.0659	mg/kg	J	Y Y P	J		15					G193-01	19:42
QL0008	SW6010B	SW3050	N 0 1	ALUMINUM	34700	mg/kg		Y Y P								G193-02	17:57
				ANTIMONY	11.4	mg/kg	U	N Y U	UJ		08A					G193-02	17:57
				ARSENIC	9.89	mg/kg		Y Y P								G193-02	14:38
				BARIUM	119	mg/kg		Y Y P								G193-02	17:57
				BERYLLIUM	.92	mg/kg	J	Y Y P	J		15					G193-02	17:57
				CADMIUM	1.14	mg/kg	U	N Y U	U							G193-02	17:57
				CALCIUM	237	mg/kg		Y Y P								G193-02	17:57
				CHROMIUM	38	mg/kg		Y Y P								G193-02	17:57
				COBALT	10.8	mg/kg		Y Y P								G193-02	17:57
				COPPER	19.4	mg/kg		Y Y P								G193-02	17:57
				IRON	48100	mg/kg		Y Y P								G193-02	17:57
				LEAD	28	mg/kg		Y Y P	J		08A					G193-02	14:38
				MAGNESIUM	868	mg/kg		Y Y P								G193-02	17:57
				MANGANESE	598	mg/kg		Y Y P								G193-02	17:57
				NICKEL	14.7	mg/kg		Y Y P								G193-02	17:57
				POTASSIUM	783	mg/kg		Y Y P								G193-02	17:57
				SELENIUM	1.45	mg/kg		Y Y P								G193-02	14:38
				SILVER	2.28	mg/kg	U	N Y U	U							G193-02	17:57
				SODIUM	31.5	mg/kg	J	Y Y P	J		15					G193-02	17:57
				THALLIUM	1.68	mg/kg	J	Y Y P	J		15					G193-02	14:38
				VANADIUM	65.2	mg/kg		Y Y P								G193-02	17:57
				ZINC	36.3	mg/kg		Y Y P	J		13					G193-02	17:57
	SW7471A	TOTAL	N 0 1	MERCURY	.102	mg/kg	J	Y Y P	J		15					G193-02	19:45
QL0009	SW6010B	SW3050	N 0 1	ALUMINUM	30200	mg/kg		Y Y								G193-03	18:02
				ANTIMONY	11.3	mg/kg	U	N Y	UJ		08A					G193-03	18:02
				ARSENIC	11.5	mg/kg		Y Y								G193-03	14:44
				BARIUM	111	mg/kg		Y Y								G193-03	18:02
				BERYLLIUM	1.02	mg/kg	J	Y Y	J		15					G193-03	18:02
				CADMIUM	1.13	mg/kg	U	N Y	U							G193-03	18:02
				CALCIUM	205	mg/kg		Y Y								G193-03	18:02
				CHROMIUM	35.5	mg/kg		Y Y								G193-03	18:02

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	Filt	REX	Dil:										1	2	3	4			
1097Q-01																			
QL0009	SW6010B	SW3050	N	0	1	COBALT	13.7	mg/kg		Y Y								G193-03	18:02
						COPPER	18	mg/kg		Y Y								G193-03	18:02
						LEAD	29.6	mg/kg		Y Y	J		08A					G193-03	14:44
						MAGNESIUM	770	mg/kg		Y Y								G193-03	18:02
						MANGANESE	784	mg/kg		Y Y								G193-03	18:02
						NICKEL	14.2	mg/kg		Y Y								G193-03	18:02
						POTASSIUM	573	mg/kg		Y Y								G193-03	18:02
						SELENIUM	1.63	mg/kg		Y Y								G193-03	14:44
						SILVER	2.27	mg/kg	U	N Y		U						G193-03	18:02
						SODIUM	30	mg/kg	J	Y Y	J		15					G193-03	18:02
						THALLIUM	1.94	mg/kg	J	Y Y	J		15					G193-03	14:44
						VANADIUM	65.6	mg/kg		Y Y								G193-03	18:02
						ZINC	34.4	mg/kg		Y Y	J		13					G193-03	18:02
	SW6010B	SW3050	N	0	10	IRON	68200	mg/kg		Y Y								G193-03	13:24
	SW7471A	TOTAL	N	0	1	MERCURY	.0833	mg/kg	J	Y Y	J		15					G193-03	19:47
QL0010	SW6010B	SW3050	N	0	1	ALUMINUM	20900	mg/kg		Y Y	P						G180-07	17:10	
						ANTIMONY	11.1	mg/kg	U	N Y	U	UJ	08A					G180-07	17:10
						ARSENIC	6.46	mg/kg		Y Y	P						G180-07	13:43	
						BARIUM	139	mg/kg		Y Y	P						G180-07	17:10	
						BERYLLIUM	.891	mg/kg	J	Y Y	P	J					G180-07	17:10	
						CADMUM	1.11	mg/kg	U	N Y	U	U					G180-07	17:10	
						CALCIUM	488	mg/kg		Y Y	P						G180-07	17:10	
						CHROMIUM	23.3	mg/kg		Y Y	P						G180-07	17:10	
						COBALT	15.1	mg/kg		Y Y	P						G180-07	17:10	
						COPPER	81.2	mg/kg		Y Y	P						G180-07	17:10	
						IRON	25400	mg/kg		Y Y	P						G180-07	17:10	
						LEAD	666	mg/kg		Y Y	P	J	08A					G180-07	13:43
						MAGNESIUM	634	mg/kg		Y Y	P						G180-07	17:10	
						MANGANESE	2180	mg/kg		Y Y	P						G180-07	17:10	
						NICKEL	11.2	mg/kg		Y Y	P						G180-07	17:10	
						POTASSIUM	492	mg/kg	J	Y Y	P	J	15				G180-07	17:10	
						SELENIUM	1.32	mg/kg		Y Y	P						G180-07	13:43	
						SILVER	2.23	mg/kg	U	N Y	U	U					G180-07	17:10	
						SODIUM	111	mg/kg	U	N Y	U	U					G180-07	17:10	
						THALLIUM	2.23	mg/kg	U	N Y	U	U					G180-07	13:43	
						VANADIUM	31.5	mg/kg		Y Y	P						G180-07	17:10	
						ZINC	37.4	mg/kg		Y Y	P	J	13				G180-07	17:10	
	SW7471A	TOTAL	N	0	1	MERCURY	.08	mg/kg	J	Y Y	P	J	15				G180-07	19:19	
QL0011	SW6010B	SW3050	N	0	1	ALUMINUM	35700	mg/kg		Y Y	P						G180-08	17:15	
						ANTIMONY	11.4	mg/kg	U	N Y	U	UJ	08A					G180-08	17:15

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	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0011	SW6010B	SW3050	N	0	1	ARSENIC		10.6	mg/kg		Y Y P					G180-08	13:48
						BARIUM		107	mg/kg		Y Y P					G180-08	17:15
						BERYLLIUM		.838	mg/kg	J	Y Y P J					G180-08	17:15
						CADMIUM		1.14	mg/kg	U	N Y U U					G180-08	17:15
						CALCIUM		208	mg/kg		Y Y P					G180-08	17:15
						CHROMIUM		24.8	mg/kg		Y Y P					G180-08	17:15
						COBALT		10.9	mg/kg		Y Y P					G180-08	17:15
						COPPER		14.2	mg/kg		Y Y P					G180-08	17:15
						IRON		39000	mg/kg		Y Y P					G180-08	17:15
						LEAD		26.6	mg/kg		Y Y P J					G180-08	13:48
						MAGNESIUM		959	mg/kg		Y Y P					G180-08	17:15
						MANGANESE		890	mg/kg		Y Y P					G180-08	17:15
						NICKEL		15	mg/kg		Y Y P					G180-08	17:15
						POTASSIUM		639	mg/kg		Y Y P					G180-08	17:15
						SELENIUM		1.85	mg/kg		Y Y P					G180-08	13:48
						SILVER		2.27	mg/kg	J	N Y U U					G180-08	17:15
						SODIUM		23.2	mg/kg	J	Y Y P J					G180-08	17:15
						THALLIUM		2.27	mg/kg	U	N Y U U					G180-08	13:48
						VANADIUM		55.5	mg/kg		Y Y P					G180-08	17:15
						ZINC		34.5	mg/kg		Y Y P J					G180-08	17:15
	SW7471A	TOTAL	N	0	1	MERCURY		.109	mg/kg	J	Y Y P J					G180-08	19:21
QL0018	SW6010B	SW3050	N	0	1	ALUMINUM		8400	mg/kg		Y Y P					G180-09	17:19
						ANTIMONY		10.6	mg/kg	U	N Y U UJ					G180-09	17:19
						ARSENIC		2.94	mg/kg		Y Y P					G180-09	13:54
						BARIUM		107	mg/kg		Y Y P					G180-09	17:19
						BERYLLIUM		.593	mg/kg	J	Y Y P J					G180-09	17:19
						CADMIUM		1.06	mg/kg	U	N Y U U					G180-09	17:19
						CALCIUM		305	mg/kg		Y Y P					G180-09	17:19
						CHROMIUM		8.31	mg/kg		Y Y P					G180-09	17:19
						COBALT		3.43	mg/kg		Y Y P					G180-09	17:19
						COPPER		7.75	mg/kg		Y Y P					G180-09	17:19
						IRON		9560	mg/kg		Y Y P					G180-09	17:19
						LEAD		88.3	mg/kg		Y Y P J					G180-09	13:54
						MAGNESIUM		377	mg/kg		Y Y P					G180-09	17:19
						MANGANESE		526	mg/kg		Y Y P					G180-09	17:19
						NICKEL		2.78	mg/kg		Y Y F B					G180-09	17:19
						POTASSIUM		337	mg/kg	J	Y Y P J					G180-09	17:19
						SELENIUM		.55	mg/kg	J	Y Y P J					G180-09	13:54
						SILVER		2.13	mg/kg	U	N Y U U					G180-09	17:19
						SODIUM		106	mg/kg	U	N Y U U					G180-09	17:19

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	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0018	SW6010B	SW3050	N 0 1	THALLIUM	2.13	mg/kg	U	N Y	U	U						G180-09	13:54
				VANADIUM	9.74	mg/kg		Y Y	P							G180-09	17:19
				ZINC	16.2	mg/kg		Y Y	P	J						G180-09	17:19
	SW7471A	TOTAL	N 0 1	MERCURY	.0353	mg/kg	J	Y Y	P	J						G180-09	19:24
QL0019	SW6010B	SW3050	N 0 1	ALUMINUM	7990	mg/kg		Y Y	P							G180-10	17:24
				ANTIMONY	10.5	mg/kg	U	N Y	U	UJ						G180-10	17:24
				ARSENIC	2.96	mg/kg		Y Y	P							G180-10	13:59
				BARIUM	95.9	mg/kg		Y Y	P							G180-10	17:24
				BERYLLIUM	.531	mg/kg	J	Y Y	P	J						G180-10	17:24
				CADMIUM	1.05	mg/kg	U	N Y	U	U						G180-10	17:24
				CALCIUM	210	mg/kg		Y Y	P							G180-10	17:24
				CHROMIUM	8.2	mg/kg		Y Y	P							G180-10	17:24
				COBALT	3.37	mg/kg		Y Y	P							G180-10	17:24
				COPPER	5.83	mg/kg		Y Y	P							G180-10	17:24
				IRON	9350	mg/kg		Y Y	P							G180-10	17:24
				LEAD	27.5	mg/kg		Y Y	P	J						G180-10	13:59
				MAGNESIUM	370	mg/kg		Y Y	P							G180-10	17:24
				MANGANESE	440	mg/kg		Y Y	P							G180-10	17:24
				NICKEL	2.32	mg/kg		Y Y	F	B						G180-10	17:24
				POTASSIUM	324	mg/kg	J	Y Y	P	J						G180-10	17:24
				SELENIUM	1.05	mg/kg	U	N Y	U	U						G180-10	13:59
				SILVER	2.11	mg/kg	U	N Y	U	U						G180-10	17:24
				SODIUM	21.5	mg/kg	J	Y Y	P	J						G180-10	17:24
				THALLIUM	2.11	mg/kg	U	N Y	U	U						G180-10	13:59
				VANADIUM	9.78	mg/kg		Y Y	P							G180-10	17:24
				ZINC	13.6	mg/kg		Y Y	P	J						G180-10	17:24
	SW7471A	TOTAL	N 0 1	MERCURY	.105	mg/kg	U	N Y	U	U						G180-10	19:27
QL0020	SW6010B	SW3050	N 0 1	ALUMINUM	36100	mg/kg		Y Y	P							G180-11	17:29
				ANTIMONY	11.5	mg/kg	U	N Y	U	UJ						G180-11	17:29
				ARSENIC	8.83	mg/kg		Y Y	P							G180-11	14:05
				BARIUM	49.1	mg/kg		Y Y	P							G180-11	17:29
				BERYLLIUM	.62	mg/kg	J	Y Y	P	J						G180-11	17:29
				CADMIUM	1.15	mg/kg	U	N Y	U	U						G180-11	17:29
				CALCIUM	109	mg/kg	J	Y Y	P	J						G180-11	17:29
				CHROMIUM	39.8	mg/kg		Y Y	P	J						G180-11	17:29
				COBALT	6.85	mg/kg		Y Y	P							G180-11	17:29
				COPPER	10.8	mg/kg		Y Y	P							G180-11	17:29
				IRON	39000	mg/kg		Y Y	P							G180-11	17:29
				LEAD	18.9	mg/kg		Y Y	P	J						G180-11	14:05
				MAGNESIUM	537	mg/kg		Y Y	P							G180-11	17:29

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	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0020	SW6010B	SW3050	N	0	1	MANGANESE		230	mg/kg		Y Y P J		17			G180-11	17:29
						NICKEL		9.83	mg/kg		Y Y P					G180-11	17:29
						POTASSIUM		358	mg/kg	J	Y Y P J		15			G180-11	17:29
						SELENIUM		1.62	mg/kg		Y Y P					G180-11	14:05
						SILVER		2.3	mg/kg	U	N Y U U					G180-11	17:29
						SODIUM		23.5	mg/kg	J	Y Y P J		15			G180-11	17:29
						THALLIUM		2.3	mg/kg	U	N Y U U					G180-11	14:05
						VANADIUM		53.1	mg/kg		Y Y P					G180-11	17:29
						ZINC		22.2	mg/kg		Y Y P J		13			G180-11	17:29
	SW7471A	TOTAL	N	0	1	MERCURY		.113	mg/kg	J	Y Y P J		15			G180-11	19:29
QL0021	SW6010B	SW3050	N	0	1	ALUMINUM		50000	mg/kg		Y Y					G180-12	17:34
						ANTIMONY		6.07	mg/kg	J	Y Y J		08A 15			G180-12	17:34
						ARSENIC		12	mg/kg		Y Y					G180-12	14:11
						BARIUM		71.3	mg/kg		Y Y					G180-12	17:34
						BERYLLIUM		.805	mg/kg	J	Y Y J		15			G180-12	17:34
						CADMIUM		1.17	mg/kg	U	N Y U					G180-12	17:34
						CALCIUM		139	mg/kg		Y Y					G180-12	17:34
						CHROMIUM		83.3	mg/kg		Y Y J		17			G180-12	17:34
						COBALT		10.4	mg/kg		Y Y					G180-12	17:34
						COPPER		14.8	mg/kg		Y Y					G180-12	17:34
						IRON		55100	mg/kg		Y Y					G180-12	17:34
						LEAD		28.5	mg/kg		Y Y J		08A			G180-12	14:11
						MAGNESIUM		736	mg/kg		Y Y					G180-12	17:34
						MANGANESE		489	mg/kg		Y Y J		17			G180-12	17:34
						NICKEL		14.6	mg/kg		Y Y					G180-12	17:34
						POTASSIUM		463	mg/kg	J	Y Y J		15			G180-12	17:34
						SELENIUM		1.85	mg/kg		Y Y					G180-12	14:11
						SILVER		2.34	mg/kg	U	N Y U					G180-12	17:34
						SODIUM		29.5	mg/kg	J	Y Y J		15			G180-12	17:34
						THALLIUM		1.08	mg/kg	J	Y Y J		15			G180-12	14:11
						VANADIUM		80.2	mg/kg		Y Y					G180-12	17:34
						ZINC		32.1	mg/kg		Y Y J		13			G180-12	17:34
	SW7471A	TOTAL	N	0	1	MERCURY		.157	mg/kg		Y Y					G180-12	19:38
QL0022	SW6010B	SW3050	N	0	1	ALUMINUM		70200	mg/kg		Y Y P					G180-13	17:38
						ANTIMONY		11.8	mg/kg	U	N Y U UJ		08A			G180-13	17:38
						ARSENIC		12.8	mg/kg		Y Y P					G180-13	14:16
						BARIUM		120	mg/kg		Y Y P					G180-13	17:38
						BERYLLIUM		.691	mg/kg	J	Y Y P J		15			G180-13	17:38
						CADMIUM		1.18	mg/kg	U	N Y U U					G180-13	17:38
						CALCIUM		124	mg/kg		Y Y P					G180-13	17:38

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													1	2	3	4			
1097Q-01																			
QL0022	SW6010B	SW3050	N	0	1	CHROMIUM	44.3	mg/kg		Y Y P								G180-13	17:38
						COBALT	4.97	mg/kg		Y Y P								G180-13	17:38
						COPPER	18.7	mg/kg		Y Y P								G180-13	17:38
						IRON	49000	mg/kg		Y Y P								G180-13	17:38
						LEAD	24	mg/kg		Y Y P J					08A		G180-13	14:16	
						MAGNESIUM	784	mg/kg		Y Y P							G180-13	17:38	
						MANGANESE	231	mg/kg		Y Y P							G180-13	17:38	
						NICKEL	16.4	mg/kg		Y Y P							G180-13	17:38	
						POTASSIUM	645	mg/kg		Y Y P							G180-13	17:38	
						SELENIUM	2.02	mg/kg		Y Y P							G180-13	14:16	
						SILVER	2.37	mg/kg	U	N Y U U							G180-13	17:38	
						SODIUM	35.6	mg/kg	J	Y Y P J					15		G180-13	17:38	
						THALLIUM	2.37	mg/kg	U	N Y U U							G180-13	14:16	
						VANADIUM	81.8	mg/kg		Y Y P							G180-13	17:38	
						ZINC	37.4	mg/kg		Y Y P J					13		G180-13	17:38	
	SW7471A	TOTAL	N	0	1	MERCURY	.143	mg/kg		Y Y P							G180-13	19:40	
QL0001	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N Y U U							G180-01	01:44	
						1,3-DNB	.4	mg/kg	U	N Y U U							G180-01	01:44	
						2,4,6-TNT	.4	mg/kg	U	N Y U U							G180-01	01:44	
						2,4-DNT	.4	mg/kg	U	N Y U U							G180-01	01:44	
						2,6-DNT	.4	mg/kg	U	N Y U U							G180-01	01:44	
						2-AM-4,6-DNT	.4	mg/kg	U	N Y U U							G180-01	01:44	
						2-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-01	01:44	
						3-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-01	01:44	
						4-AM-2,6-DNT	.4	mg/kg	U	N Y U U							G180-01	01:44	
						4-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-01	01:44	
						HMX	.4	mg/kg	U	N Y U U							G180-01	01:44	
						NITROBENZENE	.4	mg/kg	U	N Y U U							G180-01	01:44	
						RDX	.4	mg/kg	U	N Y U U							G180-01	01:44	
						TETRYL	.4	mg/kg	U	N Y U U							G180-01	01:44	
QL0002	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N Y U U							G180-02	04:08	
						1,3-DNB	.4	mg/kg	U	N Y U U							G180-02	04:08	
						2,4,6-TNT	.4	mg/kg	U	N Y U U							G180-02	04:08	
						2,4-DNT	.4	mg/kg	U	N Y U U							G180-02	04:08	
						2,6-DNT	.4	mg/kg	U	N Y U U							G180-02	04:08	
						2-AM-4,6-DNT	.4	mg/kg	U	N Y U U							G180-02	04:08	
						2-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-02	04:08	
						3-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-02	04:08	
						4-AM-2,6-DNT	.4	mg/kg	U	N Y U U							G180-02	04:08	
						4-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-02	04:08	

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Sample Number:	Analytical/Extraction				Result:	Units:	Qlfr:	Hit Use	BCF	Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	Method:	Flt	REX	Dil:								1	2	3	4			
1097Q-01																		
QL0002	SW8330	METHOD	N	0	1	HMX	.4	mg/kg	U	N	Y	U	U				G180-02	04:08
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G180-02	04:08
						RDX	.4	mg/kg	U	N	Y	U	U				G180-02	04:08
						TETRYL	.4	mg/kg	U	N	Y	U	U				G180-02	04:08
QL0003	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						HMX	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						RDX	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
						TETRYL	.4	mg/kg	U	N	Y	U	U				G180-03	04:37
QL0004	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						HMX	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						RDX	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
						TETRYL	.4	mg/kg	U	N	Y	U	U				G180-04	05:06
QL0005	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-05	05:34

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	Method:	Flt	REX	Dil:								1	2	3	4			
1097Q-01																		
QL0005	SW8330	METHOD	N	0	1	4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						HMX	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						RDX	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
						TETRYL	.4	mg/kg	U	N	Y	U	U				G180-05	05:34
QL0006	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						HMX	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						RDX	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
						TETRYL	.4	mg/kg	U	N	Y	U	U				G180-06	06:03
QL0007	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						HMX	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						RDX	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
						TETRYL	.4	mg/kg	U	N	Y	U	U				G193-01	10:51
QL0008	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G193-02	11:20

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	Method:	Flt	REX	Dil:								1	2	3	4			
1097Q-01																		
QL0008	SW8330	METHOD	N	0	1	2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						HMX	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						RDX	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
						TETRYL	.4	mg/kg	U	N	Y	U	U				G193-02	11:20
QL0009	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y		U				G193-03	11:49
						1,3-DNB	.4	mg/kg	U	N	Y		U				G193-03	11:49
						2,4,6-TNT	.4	mg/kg	U	N	Y		U				G193-03	11:49
						2,4-DNT	.4	mg/kg	U	N	Y		U				G193-03	11:49
						2,6-DNT	.4	mg/kg	U	N	Y		U				G193-03	11:49
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y		U				G193-03	11:49
						2-NITROTOLUENE	.4	mg/kg	U	N	Y		U				G193-03	11:49
						3-NITROTOLUENE	.4	mg/kg	U	N	Y		U				G193-03	11:49
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y		U				G193-03	11:49
						4-NITROTOLUENE	.4	mg/kg	U	N	Y		U				G193-03	11:49
						HMX	.4	mg/kg	U	N	Y		U				G193-03	11:49
						NITROBENZENE	.4	mg/kg	U	N	Y		U				G193-03	11:49
						RDX	.4	mg/kg	U	N	Y		U				G193-03	11:49
						TETRYL	.4	mg/kg	U	N	Y		U				G193-03	11:49
QL0010	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						HMX	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						RDX	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
						TETRYL	.4	mg/kg	U	N	Y	U	U				G180-07	06:32
QL0011	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				G180-08	07:01
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				G180-08	07:01
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				G180-08	07:01
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				G180-08	07:01

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	1	2	3	4															
1097Q-01																			
QL0011	SW8330	METHOD	N	0	1	2,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						HMX	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						RDX	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
						TETRYL	.4	mg/kg	U	N	Y	U	U					G180-08	07:01
QL0018	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						1,3-DNB	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						2,4-DNT	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						2,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						HMX	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						RDX	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
						TETRYL	.4	mg/kg	U	N	Y	U	U					G180-09W	12:43
QL0019	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						1,3-DNB	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						2,4-DNT	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						2,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						HMX	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						RDX	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
						TETRYL	.4	mg/kg	U	N	Y	U	U					G180-10	08:56
QL0020	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U					G180-11	09:25
						1,3-DNB	.4	mg/kg	U	N	Y	U	U					G180-11	09:25

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Sample Number:	Analytical/Extraction Method: Flt REX Dil: Parameter:				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3	4								1	2	3	4			
1097Q-01																		
QL0020	SW8330	METHOD	N	0	1	2,4,6-TNT	.4	mg/kg	U	N Y U U							G180-11	09:25
						2,4-DNT	.4	mg/kg	U	N Y U U							G180-11	09:25
						2,6-DNT	.4	mg/kg	U	N Y U U							G180-11	09:25
						2-AM-4,6-DNT	.4	mg/kg	U	N Y U U							G180-11	09:25
						2-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-11	09:25
						3-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-11	09:25
						4-AM-2,6-DNT	.4	mg/kg	U	N Y U U							G180-11	09:25
						4-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-11	09:25
						HMX	.4	mg/kg	U	N Y U U							G180-11	09:25
						NITROBENZENE	.4	mg/kg	U	N Y U U							G180-11	09:25
						RDX	.4	mg/kg	U	N Y U U							G180-11	09:25
						TETRYL	.4	mg/kg	U	N Y U U							G180-11	09:25
QL0021	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N Y U							G180-12	09:54
						1,3-DNB	.4	mg/kg	U	N Y U							G180-12	09:54
						2,4,6-TNT	.4	mg/kg	U	N Y U							G180-12	09:54
						2,4-DNT	.4	mg/kg	U	N Y U							G180-12	09:54
						2,6-DNT	.4	mg/kg	U	N Y U							G180-12	09:54
						2-AM-4,6-DNT	.4	mg/kg	U	N Y U							G180-12	09:54
						2-NITROTOLUENE	.4	mg/kg	U	N Y U							G180-12	09:54
						3-NITROTOLUENE	.4	mg/kg	U	N Y U							G180-12	09:54
						4-AM-2,6-DNT	.4	mg/kg	U	N Y U							G180-12	09:54
						4-NITROTOLUENE	.4	mg/kg	U	N Y U							G180-12	09:54
						HMX	.4	mg/kg	U	N Y U							G180-12	09:54
						NITROBENZENE	.4	mg/kg	U	N Y U							G180-12	09:54
						RDX	.4	mg/kg	U	N Y U							G180-12	09:54
						TETRYL	.4	mg/kg	U	N Y U							G180-12	09:54
QL0022	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N Y U U							G180-13	10:23
						1,3-DNB	.4	mg/kg	U	N Y U U							G180-13	10:23
						2,4,6-TNT	.4	mg/kg	U	N Y U U							G180-13	10:23
						2,4-DNT	.4	mg/kg	U	N Y U U							G180-13	10:23
						2,6-DNT	.4	mg/kg	U	N Y U U							G180-13	10:23
						2-AM-4,6-DNT	.4	mg/kg	U	N Y U U							G180-13	10:23
						2-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-13	10:23
						3-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-13	10:23
						4-AM-2,6-DNT	.4	mg/kg	U	N Y U U							G180-13	10:23
						4-NITROTOLUENE	.4	mg/kg	U	N Y U U							G180-13	10:23
						HMX	.4	mg/kg	U	N Y U U							G180-13	10:23
						NITROBENZENE	.4	mg/kg	U	N Y U U							G180-13	10:23
						RDX	.4	mg/kg	U	N Y U U							G180-13	10:23
						TETRYL	.4	mg/kg	U	N Y U U							G180-13	10:23

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Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3	4															
1097Q-01																			
QL0007	SW8141A	SW3545	N	0	1	AZINPHOS-METHYL	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						BOLSTAR	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						CHLORPYRIFOS	.074	mg/kg	U	N	Y	U	U					G193-01	17:16
						COUMAPHOS	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						DEMETON (TOTAL)	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						DIAZINON	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						DICHLORVOS	.074	mg/kg	U	N	Y	U	U					G193-01	17:16
						DIMETHOATE	.074	mg/kg	U	N	Y	U	U					G193-01	17:16
						DISULFOTON	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						ETHOPROP	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						FAMPHUR	.074	mg/kg	U	N	Y	U	U					G193-01	17:16
						FENSULFOOTHION	.074	mg/kg	U	N	Y	U	U					G193-01	17:16
						FENTHION	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						MALATHION	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						MERPHOS	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						METHYL PARATHION	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						MEVINPHOS	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						NALED	.037	mg/kg	U	N	Y	U	R		11A		G193-01	17:16	
						PARATHION	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						PHORATE	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						RONNEL	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						STIROPHOS	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						SULFOTEPP	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						THIONAZIN	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						TOKUTHION	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
						TRICHLORONATE	.037	mg/kg	U	N	Y	U	U					G193-01	17:16
QL0008	SW8141A	SW3545	N	0	1	AZINPHOS-METHYL	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						BOLSTAR	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						CHLORPYRIFOS	.076	mg/kg	U	N	Y	U	U					G193-02	17:45
						COUMAPHOS	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						DEMETON (TOTAL)	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						DIAZINON	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						DICHLORVOS	.076	mg/kg	U	N	Y	U	U					G193-02	17:45
						DIMETHOATE	.076	mg/kg	U	N	Y	U	U					G193-02	17:45
						DISULFOTON	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						ETHOPROP	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						FAMPHUR	.076	mg/kg	U	N	Y	U	U					G193-02	17:45
						FENSULFOOTHION	.076	mg/kg	U	N	Y	U	U					G193-02	17:45
						FENTHION	.038	mg/kg	U	N	Y	U	U					G193-02	17:45
						MALATHION	.038	mg/kg	U	N	Y	U	U					G193-02	17:45

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
1097Q-01																		
QL0008	SW8141A	SW3545	N 0 1		MERPHOS	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					METHYL PARATHION	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					MEVINPHOS	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					NALED	.038	mg/kg	U	N Y	U	R				11A		G193-02	17:45
					PARATHION	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					PHORATE	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					RONNEL	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					STIROPHOS	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					SULFOTEPP	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					THIONAZIN	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					TOKUTHION	.038	mg/kg	U	N Y	U	U						G193-02	17:45
					TRICHLORONATE	.038	mg/kg	U	N Y	U	U						G193-02	17:45
QL0009	SW8141A	SW3545	N 0 1		AZINPHOS-METHYL	.037	mg/kg	U	N Y		U						G193-03	18:15
					BOLSTAR	.037	mg/kg	U	N Y		U						G193-03	18:15
					CHLORPYRIFOS	.076	mg/kg	U	N Y		U						G193-03	18:15
					COUMAPHOS	.037	mg/kg	U	N Y		U						G193-03	18:15
					DEMETON (TOTAL)	.037	mg/kg	U	N Y		U						G193-03	18:15
					DIAZINON	.037	mg/kg	U	N Y		U						G193-03	18:15
					DICHLORVOS	.076	mg/kg	U	N Y		U						G193-03	18:15
					DIMETHOATE	.076	mg/kg	U	N Y		U						G193-03	18:15
					DISULFOTON	.037	mg/kg	U	N Y		U						G193-03	18:15
					ETHOPROP	.037	mg/kg	U	N Y		U						G193-03	18:15
					FAMPHUR	.076	mg/kg	U	N Y		U						G193-03	18:15
					FENSULFOOTHION	.076	mg/kg	U	N Y		U						G193-03	18:15
					FENTHION	.037	mg/kg	U	N Y		U						G193-03	18:15
					MALATHION	.037	mg/kg	U	N Y		U						G193-03	18:15
					MERPHOS	.037	mg/kg	U	N Y		U						G193-03	18:15
					METHYL PARATHION	.037	mg/kg	U	N Y		U						G193-03	18:15
					MEVINPHOS	.037	mg/kg	U	N Y		U						G193-03	18:15
					NALED	.037	mg/kg	U	N Y		R			11A			G193-03	18:15
					PARATHION	.037	mg/kg	U	N Y		U						G193-03	18:15
					PHORATE	.037	mg/kg	U	N Y		U						G193-03	18:15
					RONNEL	.037	mg/kg	U	N Y		U						G193-03	18:15
					STIROPHOS	.037	mg/kg	U	N Y		U						G193-03	18:15
					SULFOTEPP	.037	mg/kg	U	N Y		U						G193-03	18:15
					THIONAZIN	.037	mg/kg	U	N Y		U						G193-03	18:15
					TOKUTHION	.037	mg/kg	U	N Y		U						G193-03	18:15
					TRICHLORONATE	.037	mg/kg	U	N Y		U						G193-03	18:15
QL0020	SW8141A	SW3545	N 0 1		AZINPHOS-METHYL	.038	mg/kg	U	N Y	U	U						G180-11	15:47
					BOLSTAR	.038	mg/kg	U	N Y	U	U						G180-11	15:47

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0020	SW8141A	SW3545	N 0 1	CHLORPYRIFOS	.077	mg/kg	U	N Y	U	U						G180-11	15:47
				COUMAPHOS	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				DEMETON (TOTAL)	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				DAZINON	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				DICHLORVOS	.077	mg/kg	U	N Y	U	U						G180-11	15:47
				DIMETHOATE	.077	mg/kg	U	N Y	U	U						G180-11	15:47
				DISULFOTON	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				ETHOPROP	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				FAMPHUR	.077	mg/kg	U	N Y	U	U						G180-11	15:47
				FENSULFOOTHION	.077	mg/kg	U	N Y	U	U						G180-11	15:47
				FENTHION	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				MALATHION	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				MERPHOS	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				METHYL PARATHION	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				MEVINPHOS	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				NALED	.038	mg/kg	U	N Y	U	R					IIA	G180-11	15:47
				PARATHION	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				PHORATE	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				RONNEL	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				STIROPHOS	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				SULFOTEPP	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				THIONAZIN	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				TOKUTHION	.038	mg/kg	U	N Y	U	U						G180-11	15:47
				TRICHLORONATE	.038	mg/kg	U	N Y	U	U						G180-11	15:47
QL0021	SW8141A	SW3545	N 0 1	AZINPHOS-METHYL	.039	mg/kg	U	N Y	U							G180-12	16:16
				BOLSTAR	.039	mg/kg	U	N Y	U							G180-12	16:16
				CHLORPYRIFOS	.078	mg/kg	U	N Y	U							G180-12	16:16
				COUMAPHOS	.039	mg/kg	U	N Y	U							G180-12	16:16
				DEMETON (TOTAL)	.039	mg/kg	U	N Y	U							G180-12	16:16
				DAZINON	.039	mg/kg	U	N Y	U							G180-12	16:16
				DICHLORVOS	.078	mg/kg	U	N Y	U							G180-12	16:16
				DIMETHOATE	.078	mg/kg	U	N Y	U							G180-12	16:16
				DISULFOTON	.039	mg/kg	U	N Y	U							G180-12	16:16
				ETHOPROP	.039	mg/kg	U	N Y	U							G180-12	16:16
				FAMPHUR	.078	mg/kg	U	N Y	U							G180-12	16:16
				FENSULFOOTHION	.078	mg/kg	U	N Y	U							G180-12	16:16
				FENTHION	.039	mg/kg	U	N Y	U							G180-12	16:16
				MALATHION	.039	mg/kg	U	N Y	U							G180-12	16:16
				MERPHOS	.039	mg/kg	U	N Y	U							G180-12	16:16
				METHYL PARATHION	.039	mg/kg	U	N Y	U							G180-12	16:16

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Sample Number:	Analytical/Extraction				Result:	Units:	Qlfir:	Hit Use	BCF	Val Qlfir	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0021	SW8141A	SW3545	N	0	1	MEVINPHOS	.039	mg/kg	U	N Y	U					G180-12	16:16
						NALED	.039	mg/kg	U	N Y	R					G180-12	16:16
						PARATHION	.039	mg/kg	U	N Y	U					G180-12	16:16
						PHORATE	.039	mg/kg	U	N Y	U					G180-12	16:16
						RONNEL	.039	mg/kg	U	N Y	U					G180-12	16:16
						STIROPHOS	.039	mg/kg	U	N Y	U					G180-12	16:16
						SULFOTEPP	.039	mg/kg	U	N Y	U					G180-12	16:16
						THIONAZIN	.039	mg/kg	U	N Y	U					G180-12	16:16
						TOKUTHION	.039	mg/kg	U	N Y	U					G180-12	16:16
						TRICHLORONATE	.039	mg/kg	U	N Y	U					G180-12	16:16
QL0022	SW8141A	SW3545	N	0	1	AZINPHOS-METHYL	.039	mg/kg	U	N Y	U					G180-13	16:46
						BOLSTAR	.039	mg/kg	U	N Y	U					G180-13	16:46
						CHLORPYRIFOS	.079	mg/kg	U	N Y	U					G180-13	16:46
						COUMAPHOS	.039	mg/kg	U	N Y	U					G180-13	16:46
						DEMETON (TOTAL)	.039	mg/kg	U	N Y	U					G180-13	16:46
						DIAZINON	.039	mg/kg	U	N Y	U					G180-13	16:46
						DICHLORVOS	.079	mg/kg	U	N Y	U					G180-13	16:46
						DIMETHOATE	.079	mg/kg	U	N Y	U					G180-13	16:46
						DISULFOTON	.039	mg/kg	U	N Y	U					G180-13	16:46
						ETHOPROP	.039	mg/kg	U	N Y	U					G180-13	16:46
						FAMPHUR	.079	mg/kg	U	N Y	U					G180-13	16:46
						FENSULFOOTHION	.079	mg/kg	U	N Y	U					G180-13	16:46
						FENTHION	.039	mg/kg	U	N Y	U					G180-13	16:46
						MALATHION	.039	mg/kg	U	N Y	U					G180-13	16:46
						MERPHOS	.039	mg/kg	U	N Y	U					G180-13	16:46
						METHYL PARATHION	.039	mg/kg	U	N Y	U					G180-13	16:46
						MEVINPHOS	.039	mg/kg	U	N Y	U					G180-13	16:46
						NALED	.039	mg/kg	U	N Y	U	R				G180-13	16:46
						PARATHION	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						PHORATE	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						RONNEL	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						STIROPHOS	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						SULFOTEPP	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						THIONAZIN	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						TOKUTHION	.039	mg/kg	U	N Y	U	U				G180-13	16:46
						TRICHLORONATE	.039	mg/kg	U	N Y	U	U				G180-13	16:46
QL0007	SW8270C	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.37	mg/kg	U	N Y	U	U				G193-01	01:09
						1,2-DICHLOROBENZENE	.37	mg/kg	U	N Y	U	U				G193-01	01:09
						1,3-DICHLOROBENZENE	.37	mg/kg	U	N Y	U	U				G193-01	01:09
						1,4-DICHLOROBENZENE	.37	mg/kg	U	N Y	U	U				G193-01	01:09

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Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3	4															
1097Q-01																			
QL0007	SW8270C	SW3550	N	0	1	2,4,5-TRICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2,4,6-TRICHLOROPHENOL	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						2,4-DICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2,4-DIMETHYLPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2,4-DINITROPHENOL	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						2,4-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2,6-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2-CHLORONAPHTHALENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2-CHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2-METHYLNAPHTHALENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						2-NITROANILINE	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						2-NITROPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						3,3'-DICHLOROBENZIDINE	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						3-NITROANILINE	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						4,6-DINITRO-2-METHYLPHENOL	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-BROMOPHENYL-PHENYL ETHER	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-CHLORO-3-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-CHLOROANILINE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-CHLOROPHENYL-PHENYL ETHER	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-NITROANILINE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						4-NITROPHENOL	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						ACENAPHTHENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						ACENAPHTHYLENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						ANTHRACENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BENZO(A)ANTHRACENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BENZO(A)PYRENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BENZO(B)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BENZO(G,H,I)PERYLENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BENZO(K)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BIS(2-CHLOROETHOXY)METHANE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BIS(2-CHLOROETHYL)ETHER	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BIS(2-CHLOROISOPROPYL)ETHER	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BIS(2-ETHYLHEXYL)PHTHALATE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						BUTYLBENZYLPHTHALATE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						CARBAZOLE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						CHRYSENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						DI-N-BUTYLPHTHALATE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						DI-N-OCTYLPHTHALATE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09

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Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3	4															
1097Q-01																			
QL0007	SW8270C	SW3550	N	0	1	DIBENZO(A,H)ANTHRACENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						DIBENZOFURAN	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						DIETHYLPHthalATE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						DIMETHYLPHthalATE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						FLUORANTHENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						FLUORENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						HEXACHLOROBENZENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						HEXACHLOROBUTADIENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						HEXACHLOROCYCLOPENTADIENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						HEXACHLOROETHANE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						INDENO(1,2,3-CD)PYRENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						ISOPHORONE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						N-NITROSO-DI-N-PROPYLAMINE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						N-NITROSODIPHENYLAMINE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						NAPHTHALENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						NITROBENZENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						PENTACHLOROPHENOL	.7	mg/kg	U	N	Y	U	U					G193-01	01:09
						PHENANTHRENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						PHENOL	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
						PYRENE	.37	mg/kg	U	N	Y	U	U					G193-01	01:09
QL0008	SW8270C	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						1,2-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						1,3-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						1,4-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,4,5-TRICHLOROPHENOL	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,4,6-TRICHLOROPHENOL	.72	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,4-DICHLOROPHENOL	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,4-DIMETHYLPHENOL	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,4-DINITROPHENOL	.72	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,4-DINITROTOLUENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2,6-DINITROTOLUENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2-CHLORONAPHTHALENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2-CHLOROPHENOL	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2-METHYLNAPHTHALENE	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						2-NITROANILINE	.72	mg/kg	U	N	Y	U	U					G193-02	01:39
						2-NITROPHENOL	.38	mg/kg	U	N	Y	U	U					G193-02	01:39
						3,3'-DICHLOROBENZIDINE	.72	mg/kg	U	N	Y	U	U					G193-02	01:39
						3-NITROANILINE	.72	mg/kg	U	N	Y	U	U					G193-02	01:39
						4,6-DINITRO-2-METHYLPHENOL	.72	mg/kg	U	N	Y	U	U					G193-02	01:39

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Sample Number:	Analytical/Extraction Method:	Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
1097Q-01																
QL0008	SW8270C	SW3550	N 0 1	4-BROMOPHENYL-PHENYL ETHER	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				4-CHLORO-3-METHYLPHENOL	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				4-CHLOROANILINE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				4-CHLOROPHENYL-PHENYL ETHER	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				4-METHYLPHENOL	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				4-NITROANILINE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				4-NITROPHENOL	.72	mg/kg	U	N Y U	U	G193-02	01:39					
				ACENAPHTHENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				ACENAPHTHYLENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				ANTHRACENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BENZO(A)ANTHRACENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BENZO(A)PYRENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BENZO(B)FLUORANTHENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BENZO(G,H,I)PERYLENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BENZO(K)FLUORANTHENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BIS(2-CHLOROETHOXY)METHANE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BIS(2-CHLOROETHYL)ETHER	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BIS(2-CHLOROISOPROPYL)ETHER	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BIS(2-ETHYLHEXYL)PHTHALATE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				BUTYLBENZYL PHTHALATE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				CARBAZOLE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				CHRYSENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				DI-N-BUTYL PHTHALATE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				DI-N-OCTYL PHTHALATE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				DIBENZO(A,H)ANTHRACENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				DIBENZOFURAN	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				DIETHYL PHTHALATE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				DIMETHYL PHTHALATE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				FLUORANTHENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				FLUORENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				HEXACHLOROBENZENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				HEXACHLOROBUTADIENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				HEXACHLOROCYCLOPENTADIENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				HEXACHLOROETHANE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				INDENO(1,2,3-CD)PYRENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				ISOPHORONE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				N-NITROSO-DI-N-PROPYLAMINE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				N-NITROSODIPHENYLAMINE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				NAPHTHALENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					
				NITROBENZENE	.38	mg/kg	U	N Y U	U	G193-02	01:39					

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0008	SW8270C	SW3550	N 0 1	PENTACHLOROPHENOL	.72	mg/kg	U	N Y	U	U						G193-02	01:39
				PHENANTHRENE	.38	mg/kg	U	N Y	U	U						G193-02	01:39
				PHENOL	.38	mg/kg	U	N Y	U	U						G193-02	01:39
				PYRENE	.38	mg/kg	U	N Y	U	U						G193-02	01:39
QL0009	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				1,2-DICHLOROBENZENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				1,3-DICHLOROBENZENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				1,4-DICHLOROBENZENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				2,4,5-TRICHLOROPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				2,4,6-TRICHLOROPHENOL	.71	mg/kg	U	N Y		U						G193-03	02:10
				2,4-DICHLOROPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				2,4-DIMETHYLPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				2,4-DINITROPHENOL	.71	mg/kg	U	N Y		U						G193-03	02:10
				2,4-DINITROTOLUENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				2,6-DINITROTOLUENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				2-CHLORONAPHTHALENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				2-CHLOROPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				2-METHYLNAPHTHALENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				2-METHYLPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				2-NITROANILINE	.71	mg/kg	U	N Y		U						G193-03	02:10
				2-NITROPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				3,3'-DICHLOROBENZIDINE	.71	mg/kg	U	N Y		U						G193-03	02:10
				3-NITROANILINE	.71	mg/kg	U	N Y		U						G193-03	02:10
				4,6-DINITRO-2-METHYLPHENOL	.71	mg/kg	U	N Y		U						G193-03	02:10
				4-BROMOPHENYL-PHENYL ETHER	.37	mg/kg	U	N Y		U						G193-03	02:10
				4-CHLORO-3-METHYLPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				4-CHLOROANILINE	.37	mg/kg	U	N Y		U						G193-03	02:10
				4-CHLOROPHENYL-PHENYL ETHER	.37	mg/kg	U	N Y		U						G193-03	02:10
				4-METHYLPHENOL	.37	mg/kg	U	N Y		U						G193-03	02:10
				4-NITROANILINE	.37	mg/kg	U	N Y		U						G193-03	02:10
				4-NITROPHENOL	.71	mg/kg	U	N Y		U						G193-03	02:10
				ACENAPHTHENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				ACENAPHTHYLENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				ANTHRACENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				BENZO(A)ANTHRACENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				BENZO(A)PYRENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				BENZO(B)FLUORANTHENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				BENZO(G,H,I)PERYLENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				BENZO(K)FLUORANTHENE	.37	mg/kg	U	N Y		U						G193-03	02:10
				BIS(2-CHLOROETHOXY)METHANE	.37	mg/kg	U	N Y		U						G193-03	02:10

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0009	SW8270C	SW3550	N 0 1	BIS(2-CHLOROETHYL)ETHER	.37	mg/kg	U	N Y		U		G193-03					02:10
				BIS(2-CHLOROISOPROPYL)ETHER	.37	mg/kg	U	N Y		U		G193-03					02:10
				BIS(2-ETHYLHEXYL)PHTHALATE	.37	mg/kg	U	N Y		U		G193-03					02:10
				BUTYLBENZYLPHthalate	.37	mg/kg	U	N Y		U		G193-03					02:10
				CARBAZOLE	.37	mg/kg	U	N Y		U		G193-03					02:10
				CHRYSENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				DI-N-BUTYLPHTHALATE	.37	mg/kg	U	N Y		U		G193-03					02:10
				DI-N-OCTYLPHTHALATE	.37	mg/kg	U	N Y		U		G193-03					02:10
				DIBENZO(A,H)ANTHRACENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				DIBENZOFURAN	.37	mg/kg	U	N Y		U		G193-03					02:10
				DIETHYLPHthalate	.37	mg/kg	U	N Y		U		G193-03					02:10
				DIMETHYLPHthalate	.37	mg/kg	U	N Y		U		G193-03					02:10
				FLUORANTHENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				FLUORENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				HEXAChloroBENZENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				HEXAChloroBUTADIENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				HEXAChloroCYCLOPENTADIENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				HEXAChloroETHANE	.37	mg/kg	U	N Y		U		G193-03					02:10
				INDENO(1,2,3-CD)PYRENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				ISOPHORONE	.37	mg/kg	U	N Y		U		G193-03					02:10
				N-NITROSO-DI-N-PROPYLAMINE	.37	mg/kg	U	N Y		U		G193-03					02:10
				N-NITROSODIPHENYLAMINE	.37	mg/kg	U	N Y		U		G193-03					02:10
				NAPHTHALENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				NITROBENZENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				PENTACHLOROPHENOL	.71	mg/kg	U	N Y		U		G193-03					02:10
				PHENANTHRENE	.37	mg/kg	U	N Y		U		G193-03					02:10
				PHENOL	.37	mg/kg	U	N Y		U		G193-03					02:10
				PYRENE	.37	mg/kg	U	N Y		U		G193-03					02:10
QL0020	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				1,2-DICHLOROBENZENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				1,3-DICHLOROBENZENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				1,4-DICHLOROBENZENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				2,4,5-TRICHLOROPHENOL	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				2,4,6-TRICHLOROPHENOL	.72	mg/kg	U	N Y	U	U		G180-11					23:39
				2,4-DICHLOROPHENOL	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				2,4-DIMETHYLPHENOL	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				2,4-DINITROPHENOL	.72	mg/kg	U	N Y	U	U		G180-11					23:39
				2,4-DINITROTOLUENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				2,6-DINITROTOLUENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39
				2-CHLORONAPHTHALENE	.38	mg/kg	U	N Y	U	U		G180-11					23:39

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Sample Number:	Analytical/Extraction Method:				Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Fit	REX	Dil:										1	2	3	4		
1097Q-01																		
QL0020	SW8270C	SW3550	N	0	1	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					2-CHLOROPHENOL	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					2-METHYLNAPHTHALENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					2-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					2-NITROANILINE	.72	mg/kg	U	N	Y	U	U					G180-11	23:39
					2-NITROPHENOL	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					3,3'-DICHLOROBENZIDINE	.72	mg/kg	U	N	Y	U	U					G180-11	23:39
					3-NITROANILINE	.72	mg/kg	U	N	Y	U	U					G180-11	23:39
					4,6-DINITRO-2-METHYLPHENOL	.72	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-BROMOPHENYL-PHENYL ETHER	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-CHLORO-3-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-CHLOROANILINE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-CHLOROPHENYL-PHENYL ETHER	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-NITROANILINE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					4-NITROPHENOL	.72	mg/kg	U	N	Y	U	U					G180-11	23:39
					ACENAPHTHENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					ACENAPHTHYLENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					ANTHRACENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BENZO(A)ANTHRACENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BENZO(A)PYRENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BENZO(B)FLUORANTHENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BENZO(G,H,I)PERYLENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BENZO(K)FLUORANTHENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BIS(2-CHLOROETHOXY)METHANE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BIS(2-CHLOROETHYL)ETHER	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BIS(2-CHLOROISOPROPYL)ETHER	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BIS(2-ETHYLHEXYL)PHTHALATE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					BUTYLBENZYLPHTHALATE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					CARBAZOLE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					CHRYSENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					DI-N-BUTYLPHTHALATE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					DI-N-OCTYLPHTHALATE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					DIBENZO(A,H)ANTHRACENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					DIBENZOFURAN	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					DIETHYLPHTHALATE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					DIMETHYLPHTHALATE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					FLUORANTHENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					FLUORENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					HEXACHLOROBENZENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39
					HEXACHLOROBUTADIENE	.38	mg/kg	U	N	Y	U	U					G180-11	23:39

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
1097Q-01																		
QL0020	SW8270C	SW3550	N 0 1		HEXACHLOROCYCLOPENTADIENE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					HEXACHLOROETHANE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					INDENO(1,2,3-CD)PYRENE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					ISOPHORONE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					N-NITROSO-DI-N-PROPYLAMINE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					N-NITROSODIPHENYLAMINE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					NAPHTHALENE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					NITROBENZENE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					PENTACHLOROPHENOL	.72	mg/kg	U	N Y	U	U						G180-11	23:39
					PHENANTHRENE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					PHENOL	.38	mg/kg	U	N Y	U	U						G180-11	23:39
					PYRENE	.38	mg/kg	U	N Y	U	U						G180-11	23:39
QL0021	SW8270C	SW3550	N 0 1		1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					1,2-DICHLOROBENZENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					1,3-DICHLOROBENZENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					1,4-DICHLOROBENZENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					2,4,5-TRICHLOROPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					2,4,6-TRICHLOROPHENOL	.74	mg/kg	U	N Y		U						G180-12	00:09
					2,4-DICHLOROPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					2,4-DIMETHYLPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					2,4-DINITROPHENOL	.74	mg/kg	U	N Y		U						G180-12	00:09
					2,4-DINITROTOLUENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					2,6-DINITROTOLUENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					2-CHLORONAPHTHALENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					2-CHLOROPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					2-METHYLNAPHTHALENE	.39	mg/kg	U	N Y		U						G180-12	00:09
					2-METHYLPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					2-NITROANILINE	.74	mg/kg	U	N Y		U						G180-12	00:09
					2-NITROPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					3,3'-DICHLOROBENZIDINE	.74	mg/kg	U	N Y		U						G180-12	00:09
					3-NITROANILINE	.74	mg/kg	U	N Y		U						G180-12	00:09
					4,6-DINITRO-2-METHYLPHENOL	.74	mg/kg	U	N Y		U						G180-12	00:09
					4-BROMOPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y		U						G180-12	00:09
					4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					4-CHLOROANILINE	.39	mg/kg	U	N Y		U						G180-12	00:09
					4-CHLOROPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y		U						G180-12	00:09
					4-METHYLPHENOL	.39	mg/kg	U	N Y		U						G180-12	00:09
					4-NITROANILINE	.39	mg/kg	U	N Y		U						G180-12	00:09
					4-NITROPHENOL	.74	mg/kg	U	N Y		U						G180-12	00:09
					ACENAPHTHENE	.39	mg/kg	U	N Y		U						G180-12	00:09

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Sample Number:	Analytical/Extraction			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX Dil:									1	2	3	4		
1097Q-01																	
QL0021	SW8270C	SW3550	N 0 1	ACENAPHTHYLENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				ANTHRACENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BENZO(A)ANTHRACENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BENZO(A)PYRENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BENZO(B)FLUORANTHENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BENZO(G,H,I)PERYLENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BENZO(K)FLUORANTHENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BIS(2-CHLOROETHYL)ETHER	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BIS(2-CHLOROISOPROPYL)ETHER	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BIS(2-ETHYLHEXYL)PHTHALATE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				BUTYLBENZYLPHthalate	.39	mg/kg	U	N	Y	U						G180-12	00:09
				CARBAZOLE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				CHRYSENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				DI-N-BUTYLPHTHALATE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				DI-N-OCTYLPHTHALATE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				DIBENZO(A,H)ANTHRACENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				DIBENZOFURAN	.39	mg/kg	U	N	Y	U						G180-12	00:09
				DIETHYLPHthalate	.39	mg/kg	U	N	Y	U						G180-12	00:09
				DIMETHYLPHthalate	.39	mg/kg	U	N	Y	U						G180-12	00:09
				FLUORANTHENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				FLUORENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				HEXAChlorOBENZENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				HEXAChlorOBUTADIENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				HEXAChlorOCYCLOPENTADIENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				HEXAChlorOETHANE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				ISOPHORONE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				N-NITROSO-DI-N-PROPYLAMINE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				NAPHTHALENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				NITROBENZENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				PENTACHLOROPHENOL	.74	mg/kg	U	N	Y	U						G180-12	00:09
				PHENANTHRENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
				PHENOL	.39	mg/kg	U	N	Y	U						G180-12	00:09
				PYRENE	.39	mg/kg	U	N	Y	U						G180-12	00:09
QL0022	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U					G180-13	00:39
				1,2-DICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U					G180-13	00:39
				1,3-DICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U					G180-13	00:39
				1,4-DICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U					G180-13	00:39

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
1097Q-01																		
QL0022	SW8270C	SW3550	N 0 1		2,4,5-TRICHLOROPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2,4,6-TRICHLOROPHENOL	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					2,4-DICHLOROPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2,4-DIMETHYLPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2,4-DINITROPHENOL	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					2,4-DINITROTOLUENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2,6-DINITROTOLUENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2-CHLORONAPHTHALENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2-CHLOROPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2-METHYLNAPHTHALENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2-METHYLPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					2-NITROANILINE	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					2-NITROPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					3,3'-DICHLOROBENZIDINE	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					3-NITROANILINE	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					4,6-DINITRO-2-METHYLPHENOL	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					4-BROMOPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					4-CHLOROANILINE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					4-CHLOROPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					4-METHYLPHENOL	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					4-NITROANILINE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					4-NITROPHENOL	.75	mg/kg	U	N Y	U	U						G180-13	00:39
					ACENAPHTHENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					ACENAPHTHYLENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					ANTHRACENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BENZO(A)ANTHRACENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BENZO(A)PYRENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BENZO(B)FLUORANTHENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BENZO(G,H,I)PERYLENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BENZO(K)FLUORANTHENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BIS(2-CHLOROETHYL)ETHER	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BIS(2-CHLOROISOPROPYL)ETHER	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BIS(2-ETHYLHEXYL)PHTHALATE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					BUTYLBENZYLPHTHALATE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					CARBAZOLE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					CHRYSENE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					DI-N-BUTYLPHTHALATE	.39	mg/kg	U	N Y	U	U						G180-13	00:39
					DI-N-OCTYLPHTHALATE	.39	mg/kg	U	N Y	U	U						G180-13	00:39

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Sample Number:	Analytical/Extraction				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0022	SW8270C	SW3550	N	0	1	DIBENZO(A,H)ANTHRACENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						DIBENZOFURAN	.39	mg/kg	U	N Y U	U					G180-13	00:39
						DIETHYLPHthalATE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						DIMETHYLPHthalATE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						FLUORANTHENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						FLUORENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						HEXAChLOROBENZENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						HEXAChLOROBUTADIENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						HEXAChLOROCYCLOPENTADIENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						HEXAChLOROETHANE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						ISOPHORONE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						N-NITROSO-DI-N-PROPYLAMINE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						NAPHTHALENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						NITROBENZENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						PENTACHLOROPHENOL	.75	mg/kg	U	N Y U	U					G180-13	00:39
						PHENANTHRENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
						PHENOL	.39	mg/kg	U	N Y U	U					G180-13	00:39
						PYRENE	.39	mg/kg	U	N Y U	U					G180-13	00:39
QL0007	SW8260B	SW5035	N	0	1.0	1,1,1,2-TETRACHLOROETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,1,1-TRICHLOROETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,1,2,2-TETRACHLOROETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,1,2-TRICHLOROETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,1-DICHLOROETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,1-DICHLOROETHENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,1-DICHLOROPROPENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2,3-TRICHLOROBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2,3-TRICHLOROPROPANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2,4-TRICHLOROBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2,4-TRIMETHYLBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N Y U	U					G193-01	01:09
						1,2-DIBROMOETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2-DICHLOROBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2-DICHLOROETHANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,2-DICHLOROPROPANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,3,5-TRIMETHYLBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,3-DICHLOROBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,3-DICHLOROPROPANE	.0055	mg/kg	U	N Y U	U					G193-01	01:09
						1,4-DICHLOROBENZENE	.0055	mg/kg	U	N Y U	U					G193-01	01:09

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Sample Number:	Analytical/Extraction				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX	Dil:								1	2	3	4		
1097Q-01																	
QL0007	SW8260B	SW5035	N	0	1.0	2,2-DICHLOROPROPANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						2-BUTANONE	.023	mg/kg		Y Y P						G193-01	01:09
						2-CHLOROTOLUENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						2-HEXANONE	.022	mg/kg	U	N Y U U						G193-01	01:09
						4-CHLOROTOLUENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						4-METHYL-2-PENTANONE	.022	mg/kg	U	N Y U U						G193-01	01:09
						ACETONE	.75	mg/kg	E	Y N P R					16	G193-01	01:09
						BENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						BROMOBENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						BROMOCHLOROMETHANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						BROMODICHLOROMETHANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						BROMOFORM	.0055	mg/kg	U	N Y U U						G193-01	01:09
						BROMOMETHANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CARBON DISULFIDE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CARBON TETRACHLORIDE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CHLOROBENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CHLOROETHANE	.011	mg/kg	U	N Y U U						G193-01	01:09
						CHLOROFORM	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CHLOROMETHANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CIS-1,2-DICHLOROETHENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						CIS-1,3-DICHLOROPROPENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						DI-BROMOCHLOROMETHANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						DIBROMOMETHANE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						DICHLORODIFLUOROMETHANE	.011	mg/kg	U	N Y U U						G193-01	01:09
						ETHYLBENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						HEXA-CHLOROBUTADIENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						ISOPROPYL BENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						M/P-XYLENES	.011	mg/kg	U	N Y U U						G193-01	01:09
						METHYLENE CHLORIDE	.011	mg/kg	U	N Y U U						G193-01	01:09
						N-BUTYL BENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						N-PROPYL BENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						NAPHTHALENE	.011	mg/kg	U	N Y U U						G193-01	01:09
						O-XYLENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						P-ISOPROPYL TOLUENE	.004	mg/kg	J	Y Y P J					15	G193-01	01:09
						SEC-BUTYL BENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						STYRENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						TERT-BUTYL BENZENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						TETRA-CHLOROETHENE	.0055	mg/kg	U	N Y U U						G193-01	01:09
						TOLUENE	.0017	mg/kg	J	Y Y P J					15	G193-01	01:09
						TRANS-1,2-DICHLOROETHENE	.0055	mg/kg	U	N Y U U						G193-01	01:09

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Sample Number:	Analytical/Extraction Method:				Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3	4																
1097Q-01																				
QL0007	SW8260B	SW5035	N	0	1.0	TRANS-1,3-DICHLOROPROPENE	.0055	mg/kg	U	N	Y	U	U						G193-01	01:09
						TRICHLOROETHENE	.0055	mg/kg	U	N	Y	U	U						G193-01	01:09
						TRICHLOROFLUOROMETHANE	.0055	mg/kg	U	N	Y	U	U						G193-01	01:09
						VINYL CHLORIDE	.0055	mg/kg	U	N	Y	U	U						G193-01	01:09
	SW8260B	SW5035	N	1	50	1,1,1,2-TETRACHLOROETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,1,1-TRICHLOROETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,1,2,2-TETRACHLOROETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,1,2-TRICHLOROETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,1-DICHLOROETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,1-DICHLOROETHENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,1-DICHLOROPROPENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2,3-TRICHLOROBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2,3-TRICHLOROPROPANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2,4-TRICHLOROBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2,4-TRIMETHYLBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2-DIBROMO-3-CHLOROPROPANE	.55	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2-DIBROMOETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2-DICHLOROBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2-DICHLOROETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,2-DICHLOROPROPANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,3,5-TRIMETHYLBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,3-DICHLOROBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,3-DICHLOROPROPANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						1,4-DICHLOROBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						2,2-DICHLOROPROPANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						2-BUTANONE	1.1	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						2-CHLOROTOLUENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						2-HEXANONE	1.1	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						4-CHLOROTOLUENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						4-METHYL-2-PENTANONE	1.1	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						ACETONE	.79	mg/kg	J	Y	Y	P	J	04A	05A	15			G193-01T	13:55
						BENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						BROMOBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						BROMOCHLOROMETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						BROMODICHLOROMETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						BROMOFORM	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						BROMOMETHANE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						CARBON DISULFIDE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						CARBON TETRACHLORIDE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55
						CHLOROBENZENE	.28	mg/kg	U	N	N	U	R	16					G193-01T	13:55

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0007	SW8260B	SW5035	N 1 50	CHLOROETHANE	.55	mg/kg	U	N N	U R		16					G193-01T	13:55
				CHLOROFORM	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				CHLOROMETHANE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				CIS-1,2-DICHLOROETHENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				CIS-1,3-DICHLOROPROPENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				DIBROMOCHLOROMETHANE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				DIBROMOMETHANE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				DICHLORODIFLUOROMETHANE	.55	mg/kg	U	N N	U R		16					G193-01T	13:55
				ETHYLBENZENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				HEXACHLOROBUTADIENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				ISOPROPYL BENZENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				M/P-XYLENES	.55	mg/kg	U	N N	U R		16					G193-01T	13:55
				METHYLENE CHLORIDE	.55	mg/kg	U	N N	U R		16					G193-01T	13:55
				N-BUTYLBENZENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				N-PROPYLBENZENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				NAPHTHALENE	.55	mg/kg	U	N N	U R		16					G193-01T	13:55
				O-XYLENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				P-ISOPROPYLtoluene	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				SEC-BUTYLBENZENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				STYRENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TERT-BUTYLBENZENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TETRACHLOROETHENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TOLUENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TRANS-1,2-DICHLOROETHENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TRANS-1,3-DICHLOROPROPENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TRICHLOROETHENE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				TRICHLOROFLUOROMETHANE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
				VINYL CHLORIDE	.28	mg/kg	U	N N	U R		16					G193-01T	13:55
QL0008	SW8260B	SW5035	N 0 1.0	1,1,1,2-TETRACHLOROETHANE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,1,1-TRICHLOROETHANE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,1,2,2-TETRACHLOROETHANE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,1,2-TRICHLOROETHANE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,1-DICHLOROETHANE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,1-DICHLOROETHENE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,1-DICHLOROPROPENE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,2,3-TRICHLOROBENZENE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,2,3-TRICHLOROPROPANE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,2,4-TRICHLOROBENZENE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,2,4-TRIMETHYLBENZENE	.0057	mg/kg	U	N Y	U U							G193-02	01:46
				1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N Y	U U							G193-02	01:46

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
1097Q-01																		
QL0008	SW8260B	SW5035	N 0 1.0		1,2-DIBROMOETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,2-DICHLOROBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,2-DICHLOROETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,2-DICHLOROPROPANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,3,5-TRIMETHYLBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,3-DICHLOROBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,3-DICHLOROPROPANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					1,4-DICHLOROBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					2,2-DICHLOROPROPANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					2-BUTANONE	.013	mg/kg	J	Y Y	P	J			15		G193-02	01:46	
					2-CHLOROTOLUENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					2-HEXANONE	.023	mg/kg	U	N Y	U	U						G193-02	01:46
					4-CHLOROTOLUENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					4-METHYL-2-PENTANONE	.023	mg/kg	U	N Y	U	U						G193-02	01:46
					ACETONE	.27	mg/kg		Y Y	P	J		04A 05A				G193-02	01:46
					BENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					BROMOBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					BROMOCHLOROMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					BROMODICHLOROMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					BROMOFORM	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					BROMOMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CARBON DISULFIDE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CARBON TETRACHLORIDE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CHLOROBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CHLOROETHANE	.011	mg/kg	U	N Y	U	U						G193-02	01:46
					CHLOROFORM	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CHLOROMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CIS-1,2-DICHLOROETHENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					CIS-1,3-DICHLOROPROPENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					DIBROMOCHLOROMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					DIBROMOMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					DICHLORODIFLUOROMETHANE	.011	mg/kg	U	N Y	U	U						G193-02	01:46
					ETHYLBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					HEXAChLOROBUTADIENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					ISOPROPYL BENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					M/P-XYLENES	.011	mg/kg	U	N Y	U	U						G193-02	01:46
					METHYLENE CHLORIDE	.011	mg/kg	U	N Y	U	U						G193-02	01:46
					N-BUTYLBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					N-PROPYLBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
					NAPHTHALENE	.011	mg/kg	U	N Y	U	U						G193-02	01:46

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0008	SW8260B	SW5035	N 0 1.0	O-XYLENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				P-ISOPROPYLTOLUENE	.0041	mg/kg	J	Y Y	P	J						G193-02	01:46
				SEC-BUTYLBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				STYRENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				TERT-BUTYLBENZENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				TETRACHLOROETHENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				TOLUENE	.0015	mg/kg	J	Y Y	P	J						G193-02	01:46
				TRANS-1,2-DICHLOROETHENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				TRANS-1,3-DICHLOROPROPENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				TRICHLOROETHENE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				TRICHLOROFLUOROMETHANE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
				VINYL CHLORIDE	.0057	mg/kg	U	N Y	U	U						G193-02	01:46
QL0009	SW8260B	SW5035	N 0 1.0	1,1,1,2-TETRACHLOROETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,1,1-TRICHLOROETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,1,2,2-TETRACHLOROETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,1,2-TRICHLOROETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,1-DICHLOROETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,1-DICHLOROETHENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,1-DICHLOROPROPENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2,3-TRICHLOROBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2,3-TRICHLOROPROPANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2,4-TRICHLOROBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2,4-TRIMETHYLBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N Y		U						G193-03	02:24
				1,2-DIBROMOETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2-DICHLOROBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2-DICHLOROETHANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,2-DICHLOROPROPANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,3,5-TRIMETHYLBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,3-DICHLOROBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,3-DICHLOROPROPANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				1,4-DICHLOROBENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				2,2-DICHLOROPROPANE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				2-BUTANONE	.014	mg/kg	J	Y Y		J						G193-03	02:24
				2-CHLOROTOLUENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				2-HEXANONE	.023	mg/kg	U	N Y		U						G193-03	02:24
				4-CHLOROTOLUENE	.0057	mg/kg	U	N Y		U						G193-03	02:24
				4-METHYL-2-PENTANONE	.023	mg/kg	U	N Y		U						G193-03	02:24
				ACETONE	.24	mg/kg		Y Y		J				04A 05A		G193-03	02:24
				BENZENE	.0057	mg/kg	U	N Y		U						G193-03	02:24

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0009	SW8260B	SW5035	N 0 1.0	BROMOBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				BROMOCHLOROMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				BROMODICHLOROMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				BROMOFORM	.0057	mg/kg	U	N Y	U							G193-03	02:24
				BROMOMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CARBON DISULFIDE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CARBON TETRACHLORIDE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CHLOROBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CHLOROETHANE	.011	mg/kg	U	N Y	U							G193-03	02:24
				CHLOROFORM	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CHLOROMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CIS-1,2-DICHLOROETHENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				CIS-1,3-DICHLOROPROPENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				DIBROMOCHLOROMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				DIBROMOMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				DICHLORODIFLUOROMETHANE	.011	mg/kg	U	N Y	U							G193-03	02:24
				ETHYLBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				HEXACHLOROBUTADIENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				ISOPROPYL BENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				M/P-XYLENES	.011	mg/kg	U	N Y	U							G193-03	02:24
				METHYLENE CHLORIDE	.011	mg/kg	U	N Y	U							G193-03	02:24
				N-BUTYLBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				N-PROPYLBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				NAPHTHALENE	.011	mg/kg	U	N Y	U							G193-03	02:24
				O-XYLENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				P-ISOPROPYLtolUENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				SEC-BUTYLBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				STYRENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TERT-BUTYLBENZENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TETRACHLOROETHENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TOLUENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TRANS-1,2-DICHLOROETHENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TRANS-1,3-DICHLOROPROPENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TRICHLOROETHENE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				TRICHLOROFUOROMETHANE	.0057	mg/kg	U	N Y	U							G193-03	02:24
				VINYL CHLORIDE	.0057	mg/kg	U	N Y	U							G193-03	02:24
QL0020	SW8260B	SW5035	N 0 0.88	1,1,1,2-TETRACHLOROETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,1,1-TRICHLOROETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,1,2,2-TETRACHLOROETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,1,2-TRICHLOROETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfir:	Hit Use	BCF	Val Qlfir	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0020	SW8260B	SW5035	N 0 0.88	1,1-DICHLOROETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,1-DICHLOROETHENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,1-DICHLOROPROPENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2,3-TRICHLOROBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2,3-TRICHLOROPROPANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2,4-TRICHLOROBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2,4-TRIMETHYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2-DIBROMOETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2-DICHLOROBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2-DICHLOROETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,2-DICHLOROPROPANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,3,5-TRIMETHYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,3-DICHLOROBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,3-DICHLOROPROPANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				1,4-DICHLOROBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				2,2-DICHLOROPROPANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				2-BUTANONE	.02	mg/kg	U	N Y	U	U						G180-11	23:17
				2-CHLOROTOLUENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				2-HEXANONE	.02	mg/kg	U	N Y	U	U						G180-11	23:17
				4-CHLOROTOLUENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				4-METHYL-2-PENTANONE	.02	mg/kg	U	N Y	U	U						G180-11	23:17
				ACETONE	.069	mg/kg		Y Y	P J		04A 05A					G180-11	23:17
				BENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				BROMOBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				BROMOCHLOROMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				BROMODICHLOROMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				BROMOFORM	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				BROMOMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CARBON DISULFIDE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CARBON TETRACHLORIDE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CHLOROBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CHLOROETHANE	.01	mg/kg	U	N Y	U	U						G180-11	23:17
				CHLOROFORM	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CHLOROMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CIS-1,2-DICHLOROETHENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				CIS-1,3-DICHLOROPROPENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				DIBROMOCHLOROMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				DIBROMOMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
				DICHLORODIFLUOROMETHANE	.01	mg/kg	U	N Y	U	U						G180-11	23:17

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
1097Q-01																		
QL0020	SW8260B	SW5035	N 0 0.88		ETHYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					HEXACHLOROBUTADIENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					ISOPROPYL BENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					M/P-XYLENES	.01	mg/kg	U	N Y	U	U						G180-11	23:17
					METHYLENE CHLORIDE	.01	mg/kg	U	N Y	U	U						G180-11	23:17
					N-BUTYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					N-PROPYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					NAPHTHALENE	.01	mg/kg	U	N Y	U	U						G180-11	23:17
					O-XYLENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					P-ISOPROPYLtolUENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					SEC-BUTYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					STYRENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TERT-BUTYLBENZENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TETRACHLOROETHENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TOLUENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TRANS-1,2-DICHLOROETHENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TRANS-1,3-DICHLOROPROPENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TRICHLOROETHENE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					TRICHLOROFLUOROMETHANE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
					VINYL CHLORIDE	.0051	mg/kg	U	N Y	U	U						G180-11	23:17
QL0021	SW8260B	SW5035	N 0 0.88		1,1,1,2-TETRACHLOROETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,1,1-TRICHLOROETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,1,2,2-TETRACHLOROETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,1,2-TRICHLOROETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,1-DICHLOROETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,1-DICHLOROETHENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,1-DICHLOROPROPENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2,3-TRICHLOROBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2,3-TRICHLOROPROPANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2,4-TRICHLOROBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2,4-TRIMETHYLBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N Y		U						G180-12	23:54
					1,2-DIBROMOETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2-DICHLOROBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2-DICHLOROETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,2-DICHLOROPROPANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,3,5-TRIMETHYLBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,3-DICHLOROBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,3-DICHLOROPROPANE	.0051	mg/kg	U	N Y		U						G180-12	23:54
					1,4-DICHLOROBENZENE	.0051	mg/kg	U	N Y		U						G180-12	23:54

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfir:	Hit Use	BCF	Qlfir	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-01																	
QL0021	SW8260B	SW5035	N 0 0.88	2,2-DICHLOROPROPANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				2-BUTANONE	.0049	mg/kg	J	Y Y	J							G180-I2	23:54
				2-CHLOROTOLUENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				2-HEXANONE	.021	mg/kg	U	N Y	U							G180-I2	23:54
				4-CHLOROTOLUENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				4-METHYL-2-PENTANONE	.021	mg/kg	U	N Y	U							G180-I2	23:54
				ACETONE	.086	mg/kg		Y Y	J			04A 05A				G180-I2	23:54
				BENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				BROMOBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				BROMOCHLOROMETHANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				BROMODICHLOROMETHANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				BROMOFORM	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				BROMOMETHANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CARBON DISULFIDE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CARBON TETRACHLORIDE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CHLOROBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CHLOROETHANE	.01	mg/kg	U	N Y	U							G180-I2	23:54
				CHLOROFORM	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CHLOROMETHANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CIS-1,2-DICHLOROETHENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				CIS-1,3-DICHLOROPROPENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				DIBROMOCHLOROMETHANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				DIBROMOMETHANE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				DICHLORODIFLUOROMETHANE	.01	mg/kg	U	N Y	U							G180-I2	23:54
				ETHYLBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				HEXACHLOROBUTADIENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				ISOPROPYL BENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				M/P-XYLENES	.01	mg/kg	U	N Y	U							G180-I2	23:54
				METHYLENE CHLORIDE	.01	mg/kg	U	N Y	U							G180-I2	23:54
				N-BUTYLBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				N-PROPYLBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				NAPHTHALENE	.01	mg/kg	U	N Y	U							G180-I2	23:54
				O-XYLENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				P-ISOPROPYLTOLUENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				SEC-BUTYLBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				STYRENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				TERT-BUTYLBENZENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				TETRACHLOROETHENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				TOLUENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54
				TRANS-1,2-DICHLOROETHENE	.0051	mg/kg	U	N Y	U							G180-I2	23:54

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	Flt	REX	Dil:									1	2	3	4			
1097Q-01																		
QL0021	SW8260B	SW5035	N 0 0.88	TRANS-1,3-DICHLOROPROPENE	.0051	mg/kg	U	N Y		U						G180-12	23:54	
				TRICHLOROETHENE	.0051	mg/kg	U	N Y		U						G180-12	23:54	
				TRICHLOROFLUOROMETHANE	.0051	mg/kg	U	N Y		U						G180-12	23:54	
				VINYL CHLORIDE	.0051	mg/kg	U	N Y		U						G180-12	23:54	
QL0022	SW8260B	SW5035	N 0 0.89	1,1,1,2-TETRACHLOROETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,1,1-TRICHLOROETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,1,2,2-TETRACHLOROETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,1,2-TRICHLOROETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,1-DICHLOROETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,1-DICHLOROETHENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,1-DICHLOROPROPENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2,3-TRICHLOROBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2,3-TRICHLOROPROPANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2,4-TRICHLOROBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2,4-TRIMETHYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2-DIBROMOETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2-DICHLOROBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2-DICHLOROETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,2-DICHLOROPROPANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,3,5-TRIMETHYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,3-DICHLOROBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,3-DICHLOROPROPANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				1,4-DICHLOROBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				2,2-DICHLOROPROPANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				2-BUTANONE	.021	mg/kg	U	N Y	U	U						G180-13	00:32	
				2-CHLOROTOLUENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				2-HEXANONE	.021	mg/kg	U	N Y	U	U						G180-13	00:32	
				4-CHLOROTOLUENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				4-METHYL-2-PENTANONE	.021	mg/kg	U	N Y	U	U						G180-13	00:32	
				ACETONE	.052	mg/kg		Y	Y	P	J		04A	05A			G180-13	00:32
				BENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				BROMOBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				BROMOCHLOROMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				BROMODICHLOROMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				BROMOFORM	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				BROMOMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				CARBON DISULFIDE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				CARBON TETRACHLORIDE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	
				CHLOROBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32	

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	Flt	REX	Dil:									1	2	3	4	Lab Sample:	
1097Q-01																	
QL0022	SW8260B	SW5035	N 0 0.89	CHLOROETHANE	.011	mg/kg	U	N Y	U	U						G180-13	00:32
				CHLOROFORM	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				CHLOROMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				CIS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				CIS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				DIBROMOCHLOROMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				DIBROMOMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				DICHLORODIFLUOROMETHANE	.011	mg/kg	U	N Y	U	U						G180-13	00:32
				ETHYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				HEXACHLOROBUTADIENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				ISOPROPYL BENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				M/P-XYLENES	.011	mg/kg	U	N Y	U	U						G180-13	00:32
				METHYLENE CHLORIDE	.011	mg/kg	U	N Y	U	U						G180-13	00:32
				N-BUTYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				N-PROPYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				NAPHTHALENE	.011	mg/kg	U	N Y	U	U						G180-13	00:32
				O-XYLENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				P-ISOPROPYL TOLUENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				SEC-BUTYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				STYRENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TERT-BUTYLBENZENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TETRACHLOROETHENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TOLUENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TRANS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TRANS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TRICHLOROETHENE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				TRICHLOROFUOROMETHANE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
				VINYL CHLORIDE	.0053	mg/kg	U	N Y	U	U						G180-13	00:32
1097Q-02																	
QL0012	SW6010B	SW3050	N 0 1	ALUMINUM	8280	mg/kg		Y Y	P							G210-01	00:39
				ANTIMONY	10.9	mg/kg	U	N Y	U	U						G210-01	00:39
				ARSENIC	2.01	mg/kg		Y Y	P							G210-01	15:24
				BARIUM	36.2	mg/kg		Y Y	P							G210-01	00:39
				BERYLLIUM	1.09	mg/kg	U	N Y	U	U						G210-01	00:39
				CADMIUM	1.09	mg/kg	U	N Y	U	U						G210-01	00:39
				CALCIUM	109	mg/kg		Y Y	P							G210-01	00:39
				CHROMIUM	7.3	mg/kg		Y Y	P							G210-01	00:39
				COBALT	1.51	mg/kg	J	Y Y	P	J				15		G210-01	00:39
				COPPER	81	mg/kg		Y Y	P							G210-01	00:39
				IRON	7830	mg/kg		Y Y	P							G210-01	00:39

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	1	2	3	4															
1097Q-02																			
QL0012	SW6010B	SW3050	N	0	1	LEAD	632	mg/kg		Y Y P							G210-01	15:24	
						MAGNESIUM	193	mg/kg		Y Y P							G210-01	00:39	
						MANGANESE	127	mg/kg		Y Y P							G210-01	00:39	
						NICKEL	2.54	mg/kg		Y Y F B			06B				G210-01	00:39	
						POTASSIUM	106	mg/kg	J	Y Y F B			06B	15			G210-01	00:39	
						SELENIUM	1.09	mg/kg	U	N Y U U							G210-01	15:24	
						SILVER	2.17	mg/kg	U	N Y U U							G210-01	00:39	
						SODIUM	21.9	mg/kg	J	Y Y F B			06A	15			G210-01	00:39	
						THALLIUM	2.17	mg/kg	U	N Y U U							G210-01	15:24	
						VANADIUM	11.9	mg/kg		Y Y P							G210-01	00:39	
						ZINC	18.2	mg/kg		Y Y P							G210-01	00:39	
	SW7471A	TOTAL	N	0	1	MERCURY	.0647	mg/kg	J	Y Y P	J			15			G210-01	13:19	
QL0013	SW6010B	SW3050	N	0	1	ALUMINUM	18500	mg/kg		Y Y P							G210-02	00:44	
						ANTIMONY	11.2	mg/kg	U	N Y U U							G210-02	00:44	
						ARSENIC	3.9	mg/kg		Y Y P							G210-02	15:29	
						BARIUM	44.7	mg/kg		Y Y P							G210-02	00:44	
						BERYLLIUM	1.12	mg/kg	U	N Y U U							G210-02	00:44	
						CADMUM	1.12	mg/kg	U	N Y U U							G210-02	00:44	
						CALCIUM	155	mg/kg		Y Y P							G210-02	00:44	
						CHROMIUM	22	mg/kg		Y Y P							G210-02	00:44	
						COBALT	1.76	mg/kg	J	Y Y P	J			15			G210-02	00:44	
						COPPER	11.9	mg/kg		Y Y P							G210-02	00:44	
						IRON	22700	mg/kg		Y Y P							G210-02	00:44	
						LEAD	51.6	mg/kg		Y Y P							G210-02	15:29	
						MAGNESIUM	387	mg/kg		Y Y P							G210-02	00:44	
						MANGANESE	47.5	mg/kg		Y Y P							G210-02	00:44	
						NICKEL	4.14	mg/kg		Y Y P							G210-02	00:44	
						POTASSIUM	189	mg/kg	J	Y Y F B			06B	15			G210-02	00:44	
						SELENIUM	.55	mg/kg	J	Y Y P	J			15			G210-02	15:29	
						SILVER	2.24	mg/kg	U	N Y U U							G210-02	00:44	
						SODIUM	112	mg/kg	U	N Y U U							G210-02	00:44	
						THALLIUM	2.24	mg/kg	U	N Y U U							G210-02	15:29	
						VANADIUM	32.1	mg/kg		Y Y P							G210-02	00:44	
						ZINC	14.5	mg/kg		Y Y P							G210-02	00:44	
	SW7471A	TOTAL	N	0	1	MERCURY	.096	mg/kg	J	Y Y P	J			15			G210-02	13:21	
QL0014	SW6010B	SW3050	N	0	1	ALUMINUM	15000	mg/kg		Y Y P							G210-03	00:48	
						ANTIMONY	11.6	mg/kg	U	N Y U U							G210-03	00:48	
						ARSENIC	4.9	mg/kg		Y Y P							G210-03	15:35	
						BARIUM	95.5	mg/kg		Y Y P							G210-03	00:48	
						BERYLLIUM	.72	mg/kg	J	Y Y P	J			15			G210-03	00:48	

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Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:									1	2	3	4		
1097Q-02																	
QL0014	SW6010B	SW3050	N 0 1	CADMIUM	1.16	mg/kg	U	N Y	U	U						G210-03	00:48
				CALCIUM	138	mg/kg		Y Y	P							G210-03	00:48
				CHROMIUM	12.1	mg/kg		Y Y	P							G210-03	00:48
				COBALT	13.6	mg/kg		Y Y	P							G210-03	00:48
				COPPER	7.01	mg/kg		Y Y	P							G210-03	00:48
				IRON	17100	mg/kg		Y Y	P							G210-03	00:48
				LEAD	38.5	mg/kg		Y Y	P							G210-03	15:35
				MAGNESIUM	335	mg/kg		Y Y	P							G210-03	00:48
				MANGANESE	2040	mg/kg		Y Y	P							G210-03	00:48
				NICKEL	7.91	mg/kg		Y Y	P							G210-03	00:48
				POTASSIUM	158	mg/kg	J	Y Y	F	B		06B 15				G210-03	00:48
				SELENIUM	.732	mg/kg	J	Y Y	P	J		15				G210-03	15:35
				SILVER	2.33	mg/kg	U	N Y	U	U						G210-03	00:48
				SODIUM	23.4	mg/kg	J	Y Y	F	B		06A 15				G210-03	00:48
				THALLIUM	2.33	mg/kg	U	N Y	U	U						G210-03	15:35
				VANADIUM	23.7	mg/kg		Y Y	P							G210-03	00:48
				ZINC	17	mg/kg		Y Y	P							G210-03	00:48
	SW7471A	TOTAL	N 0 1	MERCURY	.0766	mg/kg	J	Y Y	P	J		15				G210-03	13:23
QL0015	SW6010B	SW3050	N 0 1	ALUMINUM	15800	mg/kg		Y Y	P							G210-04	00:53
				ANTIMONY	11.1	mg/kg	U	N Y	U	U						G210-04	00:53
				ARSENIC	4.3	mg/kg		Y Y	P							G210-04	15:40
				BARIUM	75.7	mg/kg		Y Y	P							G210-04	00:53
				BERYLLIUM	.43	mg/kg	J	Y Y	P	J		15				G210-04	00:53
				CADMİUM	1.11	mg/kg	U	N Y	U	U						G210-04	00:53
				CALCIUM	103	mg/kg	J	Y Y	P	J		15				G210-04	00:53
				CHROMIUM	14.6	mg/kg		Y Y	P							G210-04	00:53
				COBALT	12.2	mg/kg		Y Y	P							G210-04	00:53
				COPPER	6.11	mg/kg		Y Y	P							G210-04	00:53
				IRON	20200	mg/kg		Y Y	P							G210-04	00:53
				LEAD	29.5	mg/kg		Y Y	P							G210-04	15:40
				MAGNESIUM	361	mg/kg		Y Y	P							G210-04	00:53
				MANGANESE	814	mg/kg		Y Y	P							G210-04	00:53
				NICKEL	7.2	mg/kg		Y Y	P							G210-04	00:53
				POTASSIUM	144	mg/kg	J	Y Y	F	B		06B 15				G210-04	00:53
				SELENIUM	.543	mg/kg	J	Y Y	P	J		15				G210-04	15:40
				SILVER	2.22	mg/kg	U	N Y	U	U						G210-04	00:53
				SODIUM	22.4	mg/kg	J	Y Y	F	B		06A 15				G210-04	00:53
				THALLIUM	2.22	mg/kg	U	N Y	U	U						G210-04	15:40
				VANADIUM	26.9	mg/kg		Y Y	P							G210-04	00:53
				ZINC	13.5	mg/kg		Y Y	P							G210-04	00:53

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	1	2	3	4																	
1097Q-02																					
QL0015	SW7471A	TOTAL	N	0	1	MERCURY	.138	mg/kg		Y	Y	P							G210-04	13:25	
QL0016	SW6010B	SW3050	N	0	1	ALUMINUM	19500	mg/kg		Y	Y	P							G210-05	00:58	
						ANTIMONY	12.2	mg/kg	U	N	Y	U	U						G210-05	00:58	
						ARSENIC	4.71	mg/kg		Y	Y	P							G210-05	15:46	
						BARIUM	28.9	mg/kg		Y	Y	P							G210-05	00:58	
						BERYLLIUM	1.22	mg/kg	U	N	Y	U	U						G210-05	00:58	
						CADMIUM	1.22	mg/kg	U	N	Y	U	U						G210-05	00:58	
						CALCIUM	124	mg/kg		Y	Y	P							G210-05	00:58	
						CHROMIUM	24.8	mg/kg		Y	Y	P							G210-05	00:58	
						COBALT	1.67	mg/kg	J	Y	Y	P	J		15			G210-05	00:58		
						COPPER	44.5	mg/kg		Y	Y	P							G210-05	00:58	
						IRON	24000	mg/kg		Y	Y	P							G210-05	00:58	
						LEAD	145	mg/kg		Y	Y	P							G210-05	15:46	
						MAGNESIUM	249	mg/kg		Y	Y	P							G210-05	00:58	
						MANGANESE	74.7	mg/kg		Y	Y	P							G210-05	00:58	
						NICKEL	3.11	mg/kg		Y	Y	F	B		06B			G210-05	00:58		
						POTASSIUM	159	mg/kg	J	Y	Y	F	B		06B	15		G210-05	00:58		
						SELENIUM	.633	mg/kg	J	Y	Y	P	J		15			G210-05	15:46		
						SILVER	2.44	mg/kg	U	N	Y	U	U						G210-05	00:58	
						SODIUM	122	mg/kg	U	N	Y	U	U						G210-05	00:58	
						THALLIUM	2.44	mg/kg	U	N	Y	U	U						G210-05	15:46	
						VANADIUM	41.9	mg/kg		Y	Y	P							G210-05	00:58	
						ZINC	15.5	mg/kg		Y	Y	P							G210-05	00:58	
						SW7471A	TOTAL	N	0	1	MERCURY	.176	mg/kg		Y	Y	P			G210-05	13:28
QL0017	SW6010B	SW3050	N	0	1	ALUMINUM	24200	mg/kg		Y	Y	P							G210-06	01:03	
						ANTIMONY	11.8	mg/kg	U	N	Y	U	U						G210-06	01:03	
						ARSENIC	4.29	mg/kg		Y	Y	P							G210-06	15:51	
						BARIUM	21	mg/kg		Y	Y	P							G210-06	01:03	
						BERYLLIUM	1.18	mg/kg	U	N	Y	U	U						G210-06	01:03	
						CADMIUM	1.18	mg/kg	U	N	Y	U	U						G210-06	01:03	
						CALCIUM	67	mg/kg	J	Y	Y	P	J		15			G210-06	01:03		
						CHROMIUM	35.4	mg/kg		Y	Y	P							G210-06	01:03	
						COBALT	2.36	mg/kg	U	N	Y	U	U						G210-06	01:03	
						COPPER	11.4	mg/kg		Y	Y	P							G210-06	01:03	
						IRON	34000	mg/kg		Y	Y	P							G210-06	01:03	
						LEAD	21.3	mg/kg		Y	Y	P							G210-06	15:51	
						MAGNESIUM	268	mg/kg		Y	Y	P							G210-06	01:03	
						MANGANESE	32.6	mg/kg		Y	Y	P							G210-06	01:03	
						NICKEL	2.53	mg/kg		Y	Y	F	B		06B			G210-06	01:03		
						POTASSIUM	116	mg/kg	J	Y	Y	F	B		06B	15		G210-06	01:03		

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	1	2	3										1	2	3	4		
1097Q-02																		
QL0017	SW6010B	SW3050	N 0 1		SELENIUM	1.18	mg/kg	U	N Y	U	U						G210-06	15:51
					SILVER	2.36	mg/kg	U	N Y	U	U						G210-06	01:03
					SODIUM	23.8	mg/kg	J	Y Y	F	B						G210-06	01:03
					THALLIUM	2.36	mg/kg	U	N Y	U	U						G210-06	15:51
					VANADIUM	57.2	mg/kg		Y Y	P						G210-06	01:03	
					ZINC	10.4	mg/kg		Y Y	P						G210-06	01:03	
	SW7471A	TOTAL	N 0 1		MERCURY	.234	mg/kg		Y Y	P						G210-06	13:30	
QL0012	SW8330	METHOD	N 0 1		1,3,5-TNB	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					1,3-DNB	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					2,4,6-TNT	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					2,4-DNT	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					2,6-DNT	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					2-AM-4,6-DNT	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					2-NITROTOLUENE	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					3-NITROTOLUENE	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					4-AM-2,6-DNT	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					4-NITROTOLUENE	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					HMX	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					NITROBENZENE	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					RDX	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
					TETRYL	.4	mg/kg	U	N Y	U	U					G210-01	09:34	
QL0013	SW8330	METHOD	N 0 1		1,3,5-TNB	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					1,3-DNB	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					2,4,6-TNT	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					2,4-DNT	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					2,6-DNT	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					2-AM-4,6-DNT	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					2-NITROTOLUENE	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					3-NITROTOLUENE	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					4-AM-2,6-DNT	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					4-NITROTOLUENE	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					HMX	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					NITROBENZENE	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					RDX	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
					TETRYL	.4	mg/kg	U	N Y	U	U					G210-02	11:00	
QL0014	SW8330	METHOD	N 0 1		1,3,5-TNB	.4	mg/kg	U	N Y	U	U					G210-03	11:29	
					1,3-DNB	.4	mg/kg	U	N Y	U	U					G210-03	11:29	
					2,4,6-TNT	.4	mg/kg	U	N Y	U	U					G210-03	11:29	
					2,4-DNT	.4	mg/kg	U	N Y	U	U					G210-03	11:29	
					2,6-DNT	.4	mg/kg	U	N Y	U	U					G210-03	11:29	

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Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:	
	1	2	3										1	2	3	4			
1097Q-02																			
QL0014	SW8330	METHOD	N	0	1	2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						HMX	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						RDX	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
						TETRYL	.4	mg/kg	U	N	Y	U	U					G210-03	11:29
QL0015	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						1,3-DNB	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						2,4-DNT	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						HMX	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						RDX	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
						TETRYL	.4	mg/kg	U	N	Y	U	U					G210-04	11:58
QL0016	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						1,3-DNB	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						2,4-DNT	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						HMX	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						RDX	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
						TETRYL	.4	mg/kg	U	N	Y	U	U					G210-05	12:26
QL0017	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						1,3-DNB	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U					G210-06	12:55

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	I	2	3	4															
1097Q-02																			
QL0017	SW8330	METHOD	N	0	1	2,4-DNT	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						HMX	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						RDX	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
						TETRYL	.4	mg/kg	U	N	Y	U	U					G210-06	12:55
1097Q-03																			
QL0023	SW6010B	SW3050	N	0	1	ALUMINUM	7630	mg/kg		Y	Y	P						02I014-01	22:02
						ANTIMONY	11.4	mg/kg	U	N	Y	U	U					02I014-01	22:02
						ARSENIC	2.67	mg/kg		Y	Y	P						02I014-01	18:33
						BARIUM	96.2	mg/kg		Y	Y	P						02I014-01	22:02
						BERYLLIUM	.438	mg/kg	J	Y	Y	P	J		15		02I014-01	22:02	
						CADMIUM	1.14	mg/kg	U	N	Y	U	U				02I014-01	22:02	
						CALCIUM	482	mg/kg		Y	Y	P					02I014-01	22:02	
						CHROMIUM	9.8	mg/kg		Y	Y	P					02I014-01	22:02	
						COBALT	4.92	mg/kg		Y	Y	P					02I014-01	22:02	
						COPPER	13.7	mg/kg		Y	Y	P					02I014-01	22:02	
						IRON	17000	mg/kg		Y	Y	P					02I014-01	22:02	
						LEAD	79.4	mg/kg		Y	Y	P					02I014-01	18:33	
						MAGNESIUM	384	mg/kg		Y	Y	P					02I014-01	22:02	
						MANGANESE	430	mg/kg		Y	Y	P					02I014-01	22:02	
						NICKEL	5.63	mg/kg		Y	Y	P					02I014-01	22:02	
						POTASSIUM	536	mg/kg	J	Y	Y	P	J		15		02I014-01	22:02	
						SELENIUM	1.1	mg/kg	J	Y	Y	P	J		15		02I014-01	18:33	
						SILVER	2.27	mg/kg	U	N	Y	U	U				02I014-01	22:02	
						SODIUM	114	mg/kg	U	N	Y	U	U				02I014-01	22:02	
						THALLIUM	2.27	mg/kg	U	N	Y	U	U				02I014-01	18:33	
						VANADIUM	13.5	mg/kg		Y	Y	P					02I014-01	22:02	
						ZINC	19.4	mg/kg		Y	Y	P					02I014-01	22:02	
QL0023	SW7471A	TOTAL	N	0	1	MERCURY	.0508	mg/kg	J	Y	Y	P	J		15		02I014-01	15:07	
QL0023	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U				02I014-01	19:24	
						1,3-DNB	.4	mg/kg	U	N	Y	U	U				02I014-01	19:24	
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U				02I014-01	19:24	
						2,4-DNT	.4	mg/kg	U	N	Y	U	U				02I014-01	19:24	

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Sample Number:	Analytical/Extraction				Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Filt	REX	Dil:								1	2	3	4		
1097Q-03																	
QL0023	SW8330	METHOD	N	0	1	2,6-DNT	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						HMX	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						RDX	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24
						TETRYL	.4	mg/kg	U	N	Y	U	U			02I014-01	19:24

Quality Assurance Report
Site Investigation at Range, Choccolocco Corridor, Parcel 144Q-X
Fort McClellan, Alabama

1.0 Overview

Seventeen soil samples were collected in support of the investigation at Fort McClellan (FTMC) Parcel HR-144Q, Range at Choccolocco Corridor. All samples were submitted to EMAX Laboratories, Inc. for analysis. QC samples consisted of the following types and quantities: 3 field duplicates (FD), 1 matrix spike/matrix spike duplicate (MS/MSD) pair and 2 equipment rinsates (ER). An analytical summary table cross-referencing sample location, sample number, and analytical suite is presented in Attachment A.

One hundred (100) percent of samples were validated and reviewed in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Evaluating Inorganic Data Review (EPA, February 1994) and USEPA Contract Laboratory Program National Functional Guidelines for Organic Review (EPA, October 1999) for all areas except blanks. Region III Laboratory Data Validation Functional Guidelines for Inorganic Analyses (EPA, April 1993) and Region III National Functional Guidelines for Organic Data Review (EPA, June 1992) were applied to the areas associated with blank contamination. Data qualifiers assigned to results were based on guidance outlined in the referenced documents and the Installation-Wide Sampling and Analysis Plan (IT, March 2000) for FTMC. Table 1.0-1 and Table 1.0-2 define laboratory data and validation data qualifiers assigned to analytical results, respectively.

Table 1.0-1
Laboratory Data Qualifier Definitions

Data Qualifier	Laboratory Data Qualifier Definition
B	Analyte detected in method blank at concentration greater than the reporting limit (and greater than zero).
C	Confirming data obtained using second GC column or GC/MS.
E	Analyte concentration exceeded calibration range.
I	Analyte identification suspect. See narrative for explanation.
J	Result is less than or equal to specified reporting limit but greater than the method detection limit (MDL).
P	Analyte not confirmed. Results from primary and secondary GC columns differ by greater than 10 percent
S	Analyte concentration obtained using Method of Standard Additions (MSA).
U	Not detected. The value represented indicates the reporting limit for the analysis.
D	Sample analyzed as a dilution. The result reported has been calculated using the appropriate dilution factor.
No Code	Confirmed identification.

Table 1.0-2
Validation Data Qualifier Definitions

Validation Qualifier	Validation Data Qualifier Definition
U	Not detected. The associated number indicates approximate sample concentration necessary to be detected.
No Code	Confirmed identification
B	Not detected substantially above the level reported in laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
N	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.
J	Analyte present. Reported value may not be accurate or precise. Considered an estimate.
NJ	Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

The Data Validation Summary Report is presented in Attachment B.

2.0 Summary

Data were evaluated to verify compliance with precision, accuracy, representativeness, comparability, completeness, and sensitivity. To verify that project data quality objectives (DQO) were met, laboratory analytical results and data packages were examined for compliance with SW846 8081A, 8141, 8151A, 8260B, 8270C, 8330 and 6010B/7000 Series quality control (QC) method criteria. Laboratory nonconformances and discrepancies in the data were also examined to determine their impact on the data. The results of this review are presented in the following sections.

2.1 Sample Receipt and Analytical Holding Times

All sample results generated by the laboratory during this investigation have been reviewed with respect to condition of samples as received by the laboratory, chain-of-custody, and analysis holding times. All coolers were received by EMAX in good condition under proper chain-of-custody.

All extraction and analytical holding times were met.

2.2 Rejected Data

Table 2.2-1 lists all rejected analytical data for soil and aqueous samples. Sample re-collection at this time is not warranted due to all rejected results being reported as non-detect.

Table 2.2-1 Rejected Analytical Results

Sample Delivery Group	Sample Number	Contaminant	Reason
10144Q-01	QM0008 and QM0009	Naled	LCS spike recovery less than 10%.
10144Q-02	QM0016 and QM0017	Naled	LCS spike recovery less than 10%.

2.3 Blank Results

Descriptions of the type of blank samples which were collected, processed, and evaluated for background and/or process contamination during this sampling are as follows:

- Equipment rinsates (ER) are samples of analyte-free deionized water poured into, over, or pumped through the sampling device, collected in a sample container, and transported to the laboratory for analysis. Equipment rinsates are used to assess the effectiveness of equipment decontamination procedures.
- Method blanks (MB) are used in the laboratory to assess and document any possible contamination resulting from the analytical process. A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank shall be carried through the complete sample preparation and analytical procedure.
- Initial and continuing calibration blanks (ICB and CCB) are instrument blanks consisting of an analyte-free matrix. ICBs and CCBs are analyzed to verify the analysis system is free of contamination and are analyzed immediately after the initial and continuing calibrations are performed.

When target compounds are detected in equipment rinsates, method blanks and/or initial/continuing calibration blanks there is increased uncertainty regarding the positive identification of the same constituents in field samples. When this occurs, detections more than five times the associated blank concentration are assumed to be positive detections in field samples. Because of the added uncertainty for certain "common" laboratory contaminants such as acetone, chloroform, toluene, and various phthalates, these constituents are not assumed present until sample concentrations exceed ten times the associated blank value. This is referred to as the 5X/10X rule.

Field sample concentrations were evaluated to determine if the sample results could have been biased by the presence of any contamination measured in equipment rinsate blanks, method blanks and/or initial/continuing calibration blanks. Sample data affected by blank contamination are summarized in Table 2.3-1.

Table 2.3-1
Summary of Blank Contamination

Sample Delivery Group	Sample Number	Contaminant	Action
10144Q-01	QM0001, QM0002, QM0003, QM0004, QM0008 and QM0011	Selenium	Selenium results for samples QM0001, QM0002, QM0003, QM0004, QM0008 and QM0011 were "B" qualified due to ICB/CCB contamination.
10144Q-02	QM0016	Potassium	Potassium result for sample QM0016 was "B" qualified due to ICB/CCB contamination.

2.4 Analytical Precision

Precision is defined as a measurement of mutual agreement among individual measurements of the same property, usually under "prescribed similar conditions." Analytical precision is calculated as relative percent difference (%RPD) based on the following formula:

$$\%RPD = \left| \frac{(A-B)}{(A+B)/2} \right| \times 100$$

where:

%RPD = Relative Percent Difference
 A = original result
 B = duplicate result

A high RPD between an original sample and its field duplicate may be attributable to the difference in sample matrix or distribution of the contaminant within the sample, rather than the precision of the collection process. Also, when "estimated" results are reported, there is a potential for increased variability between the primary and duplicate sample results. This occurs because, at low concentrations, the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms. There is also increased uncertainty in the results as the lower limit of detection is approached, due to decreasing analytical accuracy. The RPD calculation cannot be performed in cases where non-detected results are reported with corresponding samples that contain detectable concentrations.

Overall sampling and analysis precision for this task was assessed using field duplicate (FD) samples. Laboratory precision was assessed by laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) recoveries. Results indicate that an acceptable analytical precision was achieved. Table 2.4-1 lists precision acceptance criteria for LCS/LCSD, MS/MSD organic and inorganic analyses and field duplicate comparisons. Table 2.4-2 list field duplicate, LCS/LCSD and MS/MSD RPD anomalies.

Table 2.4-1
Precision Acceptance Criteria

Field/Laboratory QC Type	Matrix	
	Aqueous	Soil
Field Duplicate (Both Organic & Inorganic)	RPD < 35%	RPD < 50%
Organochlorinated Pesticides LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
Organophosphorus Pesticides LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
Herbicides LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
TCL Volatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
TCL Semivolatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
Nitroaromatic and Nitramine Explosives LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan"
TAL Metals LCS/LCSD and MS/MSD	RPD < 20%	RPD < 20%

Table 2.4-2 Summary of Field Duplicate, LCS/LCSD & MS/MSD RPD Anomalies

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
10144Q-01	QM0008 (Parent) / QM0009 (FD)	Heptachlor (56%)	Heptachlor results for samples QM0008 and QM0009 were "J" qualified due to parent sample and its corresponding field duplicate exceeding QC criteria.
10144Q-02	QM0016 (Parent) / QM0017 (FD)	Potassium (65%)	Potassium results for samples QM0016 and QM0017 were "B" / "J" qualified due to parent sample and its corresponding field duplicate exceeding QC criteria.
	NPI003 SL/SC (LCS/LCSD)	Naled (200%) Dichlorvos (157%)	Naled results for samples QM0016 and QM0017 should be considered estimated due to LCS/LCSD %RPD exceeding QC criteria. However, naled results were "R" qualified due to LCS spike recovery being less than 10%. Dichlorvos results for samples QM0016 and QM0017 were "UJ" qualified due to LCS/LCSD %RPD exceeding QC criteria.

Sample results reported from GC or HPLC methodologies (i.e., SW846 8081A, 8141, 8151A, 8330) are confirmed by using two dissimilar columns or dissimilar detectors. Agreement or analytical precision between the two results is calculated as RPD. If the calculated RPD between the two differing columns or detectors exceed 50%, then the higher of the two results is reported as estimated. Table 2.4-3 lists all reported results where the original and confirmation analysis RPD exceeded QC criteria.

Table 2.4-3
Summary of Original / Confirmation Analysis RPD Anomalies

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
10144Q-01	QM0007	4,4'-DDE (72%) Endrin aldehyde (126%) alpha-BHC (96%)	4,4'-DDE, endrin aldehyde and alpha-BHC result for sample QM0007 was "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.
	QM0008	Heptachlor (64%)	Heptachlor result for sample QM0008 was "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.
10144Q-02	QM0016	Endrin (104%)	Endrin result for sample QM0016 was "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.
	QM0017	Endrin (144%)	Endrin result for sample QM0017 was "J" qualified due to RPD between the original and confirmation analysis exceeding QC criteria.

2.5 Analytical Accuracy Assessment

Accuracy is a measure of the degree of agreement of a result against an accepted reference or true value. Accuracy is expressed as a percent recovery (%R) calculated by the ratio of the measurement and accepted true value as shown in the following equation:

$$\%R = (|X_s - X_u|/K) \times 100$$

where:

- X_s = measured value of the spiked sample
- X_u = measured value of the unspiked sample
- K = known amount of the spike in the sample

Surrogate recoveries, MS/MSD and LCS/LCSD, were used to measure analytical accuracy as described in SW846 8081A, 8141, 8151A, 8260B, 8270C, 8330 and 6010B/7000 Series methodology. Reported results indicate that an acceptable level of analytical accuracy was achieved. Surrogate, LCS/LCSD and MS/MSD spike recoveries, which exceed QA criteria are summarized in Table 2.5-1.

Table 2.5-1 Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Exceedances

Sample Delivery Group	Sample Number	Contaminant	Action
10144Q-01	QM0001MS/MSD	Antimony (LB) Cobalt (LB) Lead (LB) Manganese (LB) Selenium (LB) Thallium (LB)	Antimony, cobalt, lead, manganese, selenium and thallium results for samples QM0001 through QM0011 were "B" / "J" / "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.
	NPG016 SL (LCS)	Naled (LB)	Naled results for samples QM0007, QM0008 and QM0009 were "R" qualified due to LCS spike recovery being less than 10%.
	QM0007	Chlorobenzene-d5 (IS) Dichlorobenzene-d4 (IS)	1,1,1,2-Tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloropropene, 1,2,3-trichlorobenzene, 1,2,3-trichloropropane, 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,2-dibromo-3-chloropropane, 1,2-dichlorobenzene, 1,2-dichloroethane, 1,2-dichloropropane, 1,2-dibromoethane, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 1,3-dichloropropane, 1,4-dichlorobenzene, 2-chlorotoluene, 4-chlorotoluene, benzene, bromobenzene, bromodichloromethane, bromoform, carbon tetrachloride, chlorobenzene, cis-1,3-dichloropropene, dibromochloromethane, dibromomethane, ethylbenzene, hexachlorobutadiene, isopropyl benzene, m/p xylenes, n-butylbenzene, n-propylbenzene, naphthalene, o-xylene, p-isopropyltoluene, sec-butylbenzene, styrene, tert-butylbenzene, tetrachloroethene, toluene, trans-1,3-dichloropropene, trichloroethene, 2-hexanone, 4-methyl-2-pentanone results were "UJ" qualified due to internal standard spike recoveries (low bias) exceeding QC criteria.

LB - low bias

IS - Internal Standard

Table 2.5-1 (Continued)
Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Exceedances

Sample Delivery Group	Sample Number	Contaminant	Action
10144Q-02	NPI003 SL/SC (LCS/LCSD)	Naled (LB) Dichlorvos (LB)	Naled results for samples QM0016 and QM0017 were "R" qualified due to LCS spike recovery being less than 10%. Dichlorvos results for samples QM0016 and QM0017 were "UJ" qualified due to LCS/LCSD spike recoveries exceeding QC criteria.

LB - low bias

IS - Internal Standard

2.6 Data Representativeness

Representativeness is a qualitative parameter that expresses the degree to which sample data actually represent the matrix conditions. Sample locations selected for this investigation outline contaminant releases into the environment, that may have occurred and will confirm whether contaminated soil exists at this site. Soil sample data are being used to assess potential impacts to terrestrial biota that might use the site for food and/or habitat purposes.

Standardized requirements and procedures for sample collection and handling were employed to maximize sample representativeness.

2.7 Data Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. By employing well-recognized techniques and accepted standardized methods for sampling and analysis, data comparability was achieved during this sampling event.

2.8 Data Completeness

Completeness is calculated for the aggregation of data for each analyte measured during the investigation of Parcel HR-144Q Range at Choccolocco Corridor. The formula for calculating completeness is listed below:

$$\% \text{ Completeness} = (X_V / X_T) \times 100$$

where:

X_V = number of valid (i.e., non-"R"-flagged) results

X_T = number of possible results

Parcel HR-144Q requirement for completeness is 95% for both aqueous and soil samples. The % Completeness for this task is calculated to be 99.7%.

- % Completeness = $(1549 / 1554) \times 100 = 99.7\%$.

2.9 Sensitivity

Sensitivity is defined as the ability of the laboratory's established method detection limits (MDL)/method reporting limits (MRL or RL) to meet project-specific DQOs or site-specific screening levels (SSSL) and or ecological screening values (ESV).

MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are determined from an analysis of a sample in a given matrix containing the target analyte of interest. The MRL is a threshold value based upon the sensitivity capability of method and instrument. MRLs are normally set at a minimum of two times the MDL. MRLs are adjusted based on the sample matrix, moisture (solids only), and any necessary sample dilutions. The laboratory cannot reliably quantitate values reported above the MDL but below the MRL. Therefore, these analyte values must be flagged as estimated quantities ("J"-flagged).

To evaluate method sensitivity, a general comparison of the laboratory's MDLs/MRLs and the site investigation screening levels (background values, human health SSSL for residential reuse, and [ESV]) was performed and presented to the FTMC Base Realignment and Closure Team (BCT) (November 1999). The comparison summarized the relationship between the MDL/MRLs and SSSL/ESVs for each parameter typically reported for all of the major analytical methods used at FTMC. The few cases identified where the MDL and/or MRL values exceeded their corresponding human health SSSL and/or ESV were specifically highlighted and explained. It was understood that for these cases, the standard analytical method of analysis was not going to provide MDLs/MRLs which met human health SSSLs or ESVs without significant uncertainty and the possibility of reporting false negatives. It was generally accepted that standard EPA SW846 analytical methods would provide sufficient sensitivity for data reported and used in the site screening process at FTMC.

3.0 Data Usability

Data quality indicators (DQI) provide an internal guide for control and review to verify that data are scientifically sound, defensible, and of known and acceptable quality. Factors such as precision, accuracy, representativeness, comparability, completeness, and sensitivity were evaluated to determine if the project's DQOs were met. A review of the data revealed that the majority of QA/QC indicators were within acceptable control limits. Any data anomalies encountered during data validation and overall site evaluations have been summarized in the previous sections of this document.

Based on the results of data validation and QA review, IT has concluded that representative samples were collected and analyzed and that the results are indicative of the media analyzed. The data are to be considered representative of site conditions and are usable for their intended purpose.

4.0 Attachments

Attachment A - Analytical Summary Table

Attachment B - Data Validation Summary Report